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Catalogue of the primary types of marine molluscan taxa described by Tommaso Allery Di Maria, Marquis of Monterosato, deposited in the Museo Civico di Zoologia, Roma

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Table of contents

Abstract . . . 6
Introduction.. . . 6
Updated checklist of Monterosato's works . . . 16
CLASS POLYPLACOPHORA . . . 21
ORDER LEPIDOPLEURIDA. . . . 21
Family LEPTOCHITONIDAE. . . . 21
ORDER CHITONIDA. . . . 21
SUPERFAMILY CHITONOIDEA. . . . 21
Family CALLISTOPLACIDAE. . . . 21
Family CHITONIDAE. . . . 22
SUPERFAMILY MOPALIOIDEA. . . . 22
Family LEPIDOCHITONIDAE. . . . 22
CLASS GASTROPODA . . . 22
SUBCLASS VETIGASTROPODA. . . . 22
SUPERFAMILY FISSURELLOIDEA. . . . 22
Family FISSURELLIDAE. . . . 22
SUPERFAMILY HALIOTOIDEA. . . . 23
Family HALIOTIDAE. . . . 23
SUPERFAMILY LEPETELLOIDEA . . . 23
Family PSEUDOCOCCULINIDAE. . . . 23
SUPERFAMILY PHASIANELLOIDEA. . . . 23
Family PHASIANELLIDAE. . . . 23
SUPERFAMILY SCISSURELLOIDEA . . . 24
Family ANATOMIDAE. . . . 24
SUPERFAMILY SEGUENZIOIDEA . . . 24
Family INCERTAE SEDIS. . . . 24
SUPERFAMILY TROCHOIDEA . . . 25
Family SKENEIDAE. . . . 25
Family TROCHIDAE. . . . 25
SUBCLASS CAENOGASTROPODA . . . 30
SUPERFAMILY CERITHIOIDEA . . . 30
Family CERITHIIDAE. . . . 30
Family TURRITELLIDAE. . . . 35
SUPERFAMILY EPITONIOIDEA . . . 36
Family EPITONIIDAE. . . . 36
Family JANTHINIDAE. . . . 38
SUPERFAMILY TRIPHOROIDEA. . . . 38
Family CERITHIOPSIDAE. . . . 38
Family NEWTONIELLIDAE . . . 39
Family TRIPHORIDAE. . . . 39
SUPERFAMILY CALYPTRAEOIDEA. . . . 40
Family CALYPTRAEIDAE. . . . 40
SUPERFAMILY NATICOIDEA . . . 40
Family NATICIDAE. . . . 40
SUPERFAMILY CINGULOPSOIDEA. . . . 40
Family CINGULOPSIDAE . . . 40
SUPERFAMILY RISSOOIDEA. . . . 41
Family BARLEEIIDAE. . . . 41
Family RISSOIDAE. . . . 41
SUPERFAMILY STROMBOIDEA . . . 47
Family APORRHAIDAE. . . . 47
SUPERFAMILY TONNOIDEA . . . 47
Family CASSIDAE. . . . 47
SUPERFAMILY TRUNCATELLOIDEA . . . 48
Family ANABATHRIDAE. . . . 48
Family CAECIDAE. . . . 48
Family TRUNCATELLIDAE . . . 49
SUPERFAMILY VANIKOROIDEA. . . . 49
Family EULIMIDAE. . . . 49
SUPERFAMILY VELUTINOIDEA. . . . 52
Family VELUTINIDAE. . . . 52
Family TRIVIIDAE. . . . 52

SUPERFAMILY VERMETOIDEA. 53
Family VERMETIDAE. 53
SUPERFAMILY BUCCINOIDEA. 55
Family BUCCINIDAE. 55
Family COLUMBELLIDAE. 56
Family FASCIOLARIIDAE. 56
Family NASSARIIDAE. 57
SUPERFAMILY CONOIDEA. 58
Family BORSONIIDAE. 58
Family CONIDAE. 59
Family HORAICLAVIDAE. 59
Family MANGELIIDAE. 59
Family RAPHITOMIDAE. 60
SUPERFAMILY MURICOIDEA. 62
Family CYSTISCIDAE. 62
Family MARGINELLIDAE. 63
Family MURICIDAE. 64
SUBCLASS HETEROBRANCHIA. 64
SUPERFAMILY ACTEONOIDEA. 64
Family ACTAEONIDAE. 64
SUPERFAMILY ARCHITECTONICOIDEA. 65
Family ARCHITECTONICIDAE. 65
SUPERFAMILY CIMOIDEA 65
Family CIMIDAE. 65
SUPERFAMILY MATHILDOIDEA. 65
Family MATHILDIDAE. 65
SUPERFAMILY MURCHISONELLOIDEA. 66
Family MURCHISONELLIDAE. 66
SUPERFAMILY OMALOGYROIDEA. 66
Family OMALOGYRIDAE. 66
SUPERFAMILY PYRAMIDELLOIDEA. 67
Family PYRAMIDELLIDAE. 67
SUPERFAMILY RINGICULOIDEA. 71
Family RINGICULIDAE. 71
SUPERFAMILY RISSOELLOIDEA. 71
Family RISSOELLIDAE. 71
SUPERFAMILY VALVATOIDEA. 72
Family HYALOGYRINIDAE. 72
Family TJAERNOEIIDAE. 72
“OPISTHOBRANCHIA”. 72
ORDER CEPHALASPIDEA. 73
SUPERFAMILY PHILINOIDEA. 73
Family COLPODASPIDIDAE. 73
Family PHILINIDAE. 73
SUPERFAMILY BULLOIDEA. 74
Family RETUSIDAE. 74
SUPERFAMILY HAMINOEOIDEA. 74
Family HAMINOEIDAE. 74
ORDER THECOSOMATA. 75
SUPERFAMILY CYMBULIOIDEA. 75
Family PERACLIDAE. 75
INFRACLASS PULMONATA. 75
SUPERFAMILY ELLOBIOIDEA. 75
Family ELLOBIIDAE 75
CLASS BIVALVIA. 75
SUBCLASS PROTOBRANCHIA. 75
ORDER NUCULANIDA. 75
SUPERFAMILY NUCULANOIDEA 75
Family YOLDIIDAE 75
ORDER NUCULIDA. 76
SUPERFAMILY NUCULOIDEA 76
Family NUCULIDAE 76
SUBCLASS PTERIOMORPHIA. 77
ORDER ARCIDA 77

SUPERFAMILY ARCOIDEA. 77
Family ARCIDAE. 77
ORDER MYTILIDA 77
SUPERFAMILY MYTILOIDEA. 77
Family MYTILIDAE. 77
ORDER PECTINIDA 78
SUPERFAMILY PECTINOIDEA. 78
Family PECTINIDAE. 78
SUPERFAMILY ANOMIOIDEA 79
Family ANOMIIDAE. 79
ORDER LIMIDA. 79
SUPERFAMILY LIMOIDEA 79
Family LIMIDAE. 79
ORDER OSTREIDA. 79
SUPERFAMILY OSTREOIDEA. 79
Family GRYPHAEIDAE. 79
Family OSTREIDAE. 80
SUPERFAMILY PINNOIDEA. 81
Family PINNIDAE. 81
SUPERFAMILY PTERIOIDEA. 81
Family PTERIIDAE. 81
SUBCLASS HETERODONTA. 81
SUPERORDER IMPARIDENTIA. 81
SUPERFAMILY CHAMOIDEA. 81
Family CHAMIDAE 82
SUPERFAMILY GALEOMMATOIDEA. 82
Family GALEOMMATIDAE. 82
SUPERFAMILY MACTROIDEA. 82
Family MACTRIDAE 82
ORDER LUCINIDA 83
SUPERFAMILY THYASIROIDEA. 83
Family THYASIRIDAE. 83
ORDER CARDIIDA 83
SUPERFAMILY CARDIOIDEA. 83
Family CARDIIDAE 83
SUPERFAMILY TELLINOIDEA. 84
Family DONACIDAE. 84
Family SEMELIDAE. 85
Family TELLINIDAE 85
ORDER ADAPEDONTA 85
SUPERFAMILY HIATELLOIDEA. 85
Family HIATELLIDAE 85
ORDER MYIDA 86
SUPERFAMILY MYOIDEA. 86
Family CORBULIDAE 86
SUPERORDER ANOMALADESMATA 86
SUPERFAMILY CUSPIDARIOIDEA. 86
Family CUSPIDARIIDAE. 86
CLASS CEPHALOPODA. 86
ORDER OCTOPODA 86
SUPERFAMILY ARGONAUTOIDEA. 86
Family ARGONAUTIDAE 86
CLASS SCAPHOPODA 87
ORDER DENTALIIDA. 87
Family DENTALIIDAE. 87
Family FUSTIARIIDAE. 88
ORDER GADILIDA 88
Family GADILIDAE 88
Discussion. 89
Acknowledgements. 90
FIGURES. 91
References 131

Personne n'a connu aussi bien que lui la faune malacologique de la Méditerranée
(Dautzenberg, 1928)

He was an extraordinarily accurate and careful observer, and it was very, very seldom that one could challenge his decision in the discrimination of a species; the smaller the shell, the more exact and reliable was his comprehension of it
(Tomlin, 1930)

One needs only glance through any major modern guide to the marine mollusks of the Mediterranean to find the name of Monterosato associated with almost every family of marine shells
(Abbott, 1982)

Abstract

We have compiled a complete list of new marine molluscan taxa introduced by Tommaso Allery Di Maria, Marquis of Monterosato (1841–1927). The dates of publication of every single work have been checked against available evidence, and an updated bibliography is also presented. Finally, the type material of all marine taxa expected to be in the collection Monterosato (presently preserved in the Museo Civico di Zoologia in Rome) has been searched in the main collection, and all retrieved specimens have been catalogued. A large majority of the material has been found, representative specimens of each taxon have been illustrated, and remarks on nomenclature and taxonomy have been provided yielding 42 new synonymies, 46 nominal taxa rediscovered, and 6 new combinations.

Key words: Mollusca, Polyplacophora, Cephalopoda, Scaphopoda, Gastropoda, Bivalvia, Mediterranean, Northeast Atlantic, Monterosato, nomenclature, type

Introduction

Tommaso Di Maria (Palermo, June 27th, 1841—ibidem, March 1st, 1927), was a nobleman of the barons of Allery, and marquis of Monterosato. He was among the leading European malacologists—known as Monterosato—in the second half of the nineteenth century. Along with John Gwyn Jeffreys, Wilhelm Kobelt, Philippe Dautzenberg, Georg Ossian Sars, he produced outstanding works on the systematics and the biogeography of the northeastern Atlantic molluscs, mainly marine, fossil and Recent. He has published those that can be considered the first modern check–lists of Mediterranean molluscs (Monterosato, 1872b; 1875b; 1878c; 1884h). Many genus–level and species–level names were introduced in his works, many of which are currently employed. He introduced more than five hundred species-level names, of which 468 for marine taxa. Some 70% of the latter are nomenclaturally available, the remaining being mostly nomina nuda; additional names, originally introduced as variety (of infrasubspecific rank), were subsequently raised to (sub) specific rank and hence made available. Monterosato shifted toward an excessive taxonomic splitting in his latest works—admitted, even critically, by himself (see e.g. Monterosato, 1896d: 20; 1906a: 130)—without compromising the importance of his malacological corpus.

The usually concise, sometimes laconic descriptions written by Monterosato are in several cases exceptionally keen, fully displaying his skill to outline the shell morphology of a species by means of few incisive words, yet sometimes they may leave some doubts, equally fitting more than one entity. Therefore, reference to the type material is needed to define the identity of the most enigmatic specific names coined by the Marquis. However, this has been really problematic in the past. The Monterosato collection—"d'une richesse incomparable" in Dautzenberg's (1928) words, being among the most important and large historical collections of Mediterranean seashells and Italian continental shells—is kept in the Museo Civico di Zoologia di Roma (MCZR) for more than 70 years, but it has been unavailable for study during most of the time, with sporadic exceptions only. Several lots of Monterosato's species can be located in several other public collections, but the main set of its types is arguably deposited in the MCZR. The aim of the present work is to make available a checklist and a selected iconography of Monterosato marine molluscan types deposited in the MCZR.

TEXT FIGURE. Tommaso Di Maria, dei Baroni di Allery, Marchese di Monterosato (Palermo, 27 June 1841—Palermo, 1 March 1927), with his original signature.

We started to work on the Monterosato material at MCZR in the late 1990s, meeting several problems, the worst of which was the disorder affecting part of the collection, a fatal consequence of its troubled history (see e.g., Settepassi, 1985; Piani, 1982; 1984). At the beginning of his eighties Monterosato sold the collection to a fellow–citizen and collector, Commendatore Vito Beltrani, to ease his difficult economic situation (a reason generally held, e.g. Piani, 1982, that was contested by Ryolo & Palazzi, 2008, to which we refer for a more extensive discussion, and more information on Monterosato's biography). It seems that the agreement with Beltrani allowed the Marquis to keep the collection for study until the age of eighty–five. It was definitively lost by Monterosato a year before

his death, Beltrani having taken a legal proceeding to obtain it. In 1941 a grandson of Beltrani sold the collection to the Zoological Garden of Rome, which included the MCZR up to the 1998.

It is difficult to assess how much the collection was altered by Monterosato himself during his latest years, or by Beltrani. It is well–known that important material had already been moved elsewhere, before the arrival in Rome. For instance, a good deal of important material is presently stored in the Coen collection at the Hebrew University (Jerusalem) (cf. Piani, 1984; Mienis, 2012). Furthermore, Monterosato exchanged shells with many malacologists around the world, as it is witnessed by the large amount of Monterosato's lots currently stored in several museums (USNM Washington, NHML London, MNHN Paris, NHMW Wien, NMW Cardiff, etc.). We have noticed that the labels were very rarely updated by the Marquis, a fact that obviously increases the difficulty to identify the types.

During more than seventy years of permanence in the MCZR, the Monterosato collection was never submitted to any global, systematic, long–term study, until the present project, nor to periodical interventions for conservation. After the transfer to the MCZR, the lots were initially catalogued on cards by Giuseppe Berardi, a volunteer who collaborated with the Museum until 1953, and actively participated in the move of the collection from Palermo to Rome. At that time the Curator of the collections in the Museum was Giuseppe Tamino who was in charge until 1975. In the late 1950s (probably in 1958), Francesco Settepassi (1886–1982) started to act as de facto curator of the Malacological section. He was a very appreciable person, and an amateur malacologist with true passion and good aims; it is to remember that the Monterosato collection came in the MCZR also thanks to Settepassi's advice (cf. Settepassi, 1985). However, during his management at the MCZR, which ended shortly before his death in 1982, a lot of material was shifted in an untracked way from the cabinets of the Monterosato collection to others in the Malacological Section of the MCZR. Beyond all doubts, the worst impact on the Monterosato collection during that period was due to the Malacological Exhibition of Palazzo Braschi in Rome (October 1976), prepared by a team of enthusiastic and willing collectors. A catalogue of the Mediterranean molluscs was compiled on that occasion based on Monterosato's works (Settepassi *et al.*, 1976), and many shells from the Monterosato collection, including syntypes of species of Monterosato, Brugnone, Brusina, Crosse, Granata–Grillo, Jeffreys, Pallary, Tiberi and others were employed for the exhibition. In several cases very little care was adopted for both the material (fixed by means of generous quantities of glue on boards, or, if rejected in the final selection, left in total disorder out of the Monterosato collection) and the original labels, which have been in part lost, the remaining ones being often hard or impossible to reconnect with the actual specimens. Frequently, the material from the Monterosato collection was mixed with samples from other sources (F. Settepassi collection, and several private collections, which contributed materials to the exhibition) without any indication useful to identify it.

After Settepassi's death, Dr. Flavia Gravina, a specialist of polychaetes, worked for a few years at the MCZR, appointed to the Malacological Section. Since the 1980s up to the beginning of the 1990s, the MCZR benefited also from the contributions of the late Angelina Gaglini, an amateur, yet experienced malacologist, who, gleaning in the Monterosato collection, published some reports (e.g. Gaglini, 1987b; 1991; 1992) until her premature decease. Alongside these papers, a few further occasional notes have been published in the last decades being based on the material of the Monterosato collection, mostly in the Italian journals *Notiziario del C.I.S.Ma.* and *Bollettino Malacologico*. A first step of the present revisory work was focused on the opisthobranchs (Oliverio & Tringali, 2001).

Notwithstanding this background, the general condition of the Monterosato collection is good. However, during the present survey, several lots were found out of place, a fact that made it rather time-consuming and difficult to find the material. Furthermore, there is a serious problem of conservation, frequent in nineteenth century collections preserved in wooden cabinets, with most old glass tubes having cork caps and damp deposits inside. This often preludes the radical alteration of shells (or even destruction of the smallest shells) with the formation of efflorescence of crystalline salt, mostly calcium butyrate (Tennent & Baird, 1985). Regrettably, we have noticed that the butyrate crystals (sometimes referred to as the Byne's disease) are already present in several samples. Piersanti (1942: 252), who was in charge of estimating the Monterosato–Beltrani collection for the purchase by the Direction of the Zoological Garden of Rome, valued at about three million the number of specimens. This approximate estimate gives a clear indication of the richness of the collection, and of the difficulty of a radical conservative intervention. On the other hand the Monterosato collection represents an Aladdin's cave for Mediterranean malacologists, containing, beside the myriad of shells collected by Monterosato himself, also the

TEXT FIGURE. A. Some of the original cabinets of the Monterosato collection at MCZR. **B**. New cabinet of the type material. **C**. Particular of a drawer of an original cabinet.

collections of Adami, of Brugnone (in turn including those of Benoit, Libassi, and partly of Calcara), and of Tiberi (the marine material only). Furthermore, the collection comprises numerous samples, including syntypes, received from many nineteenth and early twentieth centuries malacologists and collectors: Acton, Appelius, Aradas, Bayan, Bavay, Bellini, Beltrani, Benoit, Biondi, Bourguignant, Brusina, D. and B. Caifassi, Caruana, Caziot, Cecconi, Chaster, Coen, Conemenos, Coppi, A. Costa, Crema, Crosse, Danielssen, Deshayes, Dautzenberg, de Boury, de Folin, De Gregorio, De Stefanis, Del Prete, Di Blasi, Doderlein, Donati, Duregne, P. Fischer, Fra Piero, Gaudion, Gemellaro, Giglioli, Giorgi, Graff, Granata–Grillo, Hagenmuller, Hanley, Hidalgo, A. Issel, Jeffreys, Joly, Jordan, Kleciack, Kobelt, Locard, Juba de Lothellerie, Madlycott, Manzoni, J.T. Marshall, H. Martin, McAndrew, Milaschewich, Mörch, Morlet, Nardo, Neville, Nobre, Pallary, Pantanelli, Paulucci, Pegorari, Petit de la Saussaye, Ponsonby, Praus Franceschini, Sacco, Sandri, Schwartz von Mohrenstern, G. Seguenza, Settepassi, Sollier, Stalio, Sulliotti, Terquem, Tiberi, Tomlin, von Maltzan, Vimont, Watson, Weinkauff, Westerlund and many others. Monterosato also obtained from his correspondents material of older authors (e.g. Risso and Scacchi). Finally, some types of species described by modern malacologists were selected among the shells of this monumental collection (e.g. Settepassi, 1977; Curini Galletti, 1982; Hallgass, 1985; Fasulo & Gaglini, 1987; Gaglini, 1987, 1991, 1992a; Buzzurro & Russo, 2007). Therefore, it goes without saying that the full safeguard and reordering of such an outstanding collection is both a scientific and a historical duty.

Material and methods

As general criteria in the identification of the type material we have adopted the following:

(1) all samples explicitly marked or indicated as type material by Monterosato himself (e.g. specimens figured in the original work and labelled as such) are obviously typical;
(2) all samples from localities quoted in the work where the species was described, or in previous works by Monterosato, have been considered as typical if there are no clues suggesting later collecting—e.g. labels with posterior dates—or an origin from different correspondents than those quoted in the works;
(3) all samples labelled as collected before the publication date of the description are regarded as type material;
(4) all the lots indicating the name of the sender, yet not the locality and/or dating, if he is quoted with the description or in previous works, are regarded as type material;
(5) all specimens in lots with doubtful or no indication of locality, sender and dating, are regarded as not typical; however
(6) in very special cases of species lacking further type material, we have reported as possible types material from lots without—or with doubtful—locality, sender and date;
(7) in some further cases, very problematic, we have considered type material even lots without a clear identification by hand of Monterosato, yet identifiable by further details—date, provenance, etc.—as the specimens Monterosato had in his hands describing the species.

Therefore, we have tried to be as inclusive as possible: instead of excluding any potential type material that was not unquestionably identified as such, we included as type material almost all samples for which it could not be excluded their type status. As an example, Monterosato (1874a: 273) described *Cerithiopsis horrida* based on a fragment from San Vito lo Capo, and "some" shells from Palermo and another locality. Romani *et al.* (2018) pointed out that the material in the collection (10 shells from Palermo) could not unquestionably be identified as the lot from Palermo used by Monterosato. In our revision we have marked those specimens as types since there is no counterevidence, they are from one of the type localities and the samples are perfectly concordant with the concept of the species from Monterosato to present days. Peculiar cases will be discussed under their specific remarks.

Entries for the types are catalogued alphabetically by species epithet within each family, with families arranged in systematic order (classification referring to WoRMS: WoRMS Editorial Board, 2018). Each entry includes the original binomen with full authorship, any previous introduction of the name by Monterosato (including all nomina nuda), the lot number (referring to the catalogue of the collection at MCZR), the number of shells, where necessary divided into sublots (e.g. different vials) separated by //, the verbatim label data associated with each (sub)lot. The localities included in the original introductions of the names are reported under a Type locality heading (with the

TABLE 1. Localities recorded by Monterosato for type materials. Vague indications (e.g.: Mediterranean, Adriatic) are not included. For each entry we provide: the locality name(s) employed by Monterosato, the current toponym (in Italian, French or English, according to the usage and availability), the country (e.g. Italy) or territory (e.g. Sicily), and coordinates (when appropriate) in decimal degrees. When a specific sampling sites has been identified the coordinates are provided with an accuracy of 0.1 km; in all other cases the accuracy reflects our capacity to delimit the area potentially including the sampling site. The vast majority of Monterosato's samples were beached (and we have delimited coastal stretches, accordingly); if samples were collected ashore, the coastal stretch indicates the projection on the coastline of the offshore potential collecting area.

Toponym as in Monterosato	Current toponym	country or territory	Coordinates (accuracy +/-)	notes
Acitrezza, Aci Trezza	Aci Trezza	Sicily	37.5596 15.1577 (+/-1 km)	
Coste d'Africa		The Mediterranean coasts of northern Africa (including Egypt, Libya, Tunisia, Algeria and Morocco)		
Alessandria	Alexandria	Egypt	31.2131 29.9080 (+/-2 km)	
Algeri, Alger	Algiers	Algeria		
Arcachon	Arcachon	France	44.6627 -1.1517 (+/-1 km)	
Arenella [presso Palermo]	Arenella	Sicily	38.1546 13.3746 (+/-0.5 km)	
Aspra [ad est di Palermo]	Aspra	Sicily	38.1055 13.4977 (+/-0.5 km)	
Bandol	Bandol	France	43.1343 5.7457 (+/-1 km)	
[Coste di] Barberia, Barbaria		The Mediterranean coasts of northern Africa (including Libya, Tunisia, Algeria and Morocco)		
Bengasi, Giuliana (Bengasi)	Benghazi, area of Jalyanah (Julyianna)	Lybia	32.0961 20.0517 (+/-0.2 km)	
Bona	Annaba	Algeria	36.9102 7.7738 (+/-5 km)	
Bretagna	Bretagne, Brittany	France		
Britannia	Great Britain			
Bu Aìsa	Bu Aìsa	Lybia	32.8003 12.6325 (+/-1 km)	
Bu-Kemmasc (Libya)	Abu Kammash	Lybia	32.0832 11.7353 (+/-0.5 km)	
Cadice, Cadix	Cadiz	Spain	36.5245 -6.2908 (+/-1 km)	
Cagliari	Cagliari	Sardinia	39.1842 9.1525 (+/-2 km)	
[Isole] Canarie	Canary Islands			
Capo Spartel	Cap Spartel, Cape Spartel	Morocco	35.8016, -5.9076 (+/-1 km)	
Casa Blanca	Casablanca	Morocco	33.6149 -7.5720 (+/-5 km)	
Castiglioncello	Castiglioncello	Italy	43.4029 10.4180 (+/-1 km)	
Catania	Catania	Sicily	37.5102 15.1055 (+/-2 km)	
Cette	Sète	France	43.3939 3.7083 (+/-5 km)	
Chioggia	Chioggia	Italy	45.2111 12.3015 (+/-2 km)	
[Coste della] Cirenaica	[Coasts of] Cyrenaica, Cyrénaïque	Lybia		

……continued on the next page

TABLE 1. (Continued)

Toponym as in Monterosato	Current toponym	country or territory	Coordinates (accuracy +/-)	notes
Civitavecchia	Civitavecchia	Italy	42.0919 11.7810 (+/-0.2 km)	
Collioures	Collioure	France	42.5260 3.0875 (+/-0.2 km)	
Costantinopoli	Istanbul	Turkey	41.0310 29.0515 (+/-10 km)	
[Coste di] Dalmazia	[Coasts of] Dalmatia	Croatia		
Djidjelli	Jijel	Algeria	36.8299 5.7668 (+/-1 km)	
Embouchure de la Narenta en Istrie [sic!]	off the delta of the Neretva River (Narenta River)	Croatia	43.0125 17.3885 (+/-5 km)	
Falera	Palaio Faliro (Athens)	Greece	37.9362 23.6816 (+/-1 km)	
Funnazzi al largo di Palermo				Enigmatic area off Palermo, repeatedly cited also by de Gregorio (e.g.: 1889). Traces of its location have been lost even among local fishermen.
Gabes	Gulf of Gabès	Tunisia	33.9226 10.1316 (+/-10 km)	
Golfe de Fos	Golfe de Fos-sur-Mer	France	43.4030 4.9421 (+/-1 km)	
Gorgona	Gorgona Is.	Tuscan Archipelago, Italy	43.4300 9.9094 (+/-1 km)	
Gulf of Lion, Golfo di Lione	Golfe du Lion	France	43.1669 3.4620 (+/-50 km)	
Guyotville	Aïn-Benian	Algeria	36.8074 2.9055 (+/-1 km)	
Isole Ciclopi, Ile des Cyclopes	MPA "Isole Ciclopi", near Catania	Sicily	37.5602 15.1648 (+/-0.1 km)	
Jaffa	Jaffa	Israel	32.0515 34.7469 (+/-0.5 km)	
Kattegat	Kattegat		56.9268 11.1959 (+/-30 km)	Sea between Sweden and Jutland peninsula (Denmark)
Kérinia	Kyrenia	Cyprus	35.3442 33.3254 (+/-1 km)	
La Nouvelle	La Franqui beach, Port-la-Nouvelle	France	42.9593 3.0440 (+/-0.1 km)	
[Isola di] Lacroma	Lokrum Island	Croatia	42.6238 18.1189 (+/-1 km)	
Lampedusa	Lampedusa Island	Pelagie Islands, Italy	35.4942 12.6010 (+/-2 km)	
Larnaca	Larnaca	Cyprus	34.9057 33.6386 (+/-2 km)	
Lipari	Lipari Island	Aeolian Islands, Italy	38.4908 14.9634 (+/-3 km)	
Livorno	Livorno, Leghorn	Italy	43.5368 10.2848 (+/-5 km)	
Madéra, Madére	Madeira	Portugal	32.6402 -16.9020 (+/-30 km)	
Magnisi	Magnisi	Sicily	37.1513 15.2296 (+/-1 km)	
Mahon	Mahón, Minorca Is.	Balearic Islands, îles Baléares	39.8860 4.2756 (+/-1 km)	
Malta	Malta	Malta	35.9109 14.5247 (+/-10 km)	
Mar Nero	Black Sea			

……continued on the next page

TABLE 1. (Continued)

Toponym as in Monterosato	Current toponym	country or territory	Coordinates (accuracy +/-)	notes
Marsiglia	Marseille	France	43.2824 5.3422 (+/-5 km)	
Martigues	Martigues	France	43.3546 5.01157 (+/-5 km)	
Melada	Molat	Croatia	44.2379 14.8500 (+/-2 km)	
Messina	Messina,	Sicily	38.2538 15.6621 (+/-2 km)	
Messina al faro	Punta Torrefaro, Messina	Sicily	38.2647 15.6519 (+/-2 km)	
Missolungi	Missolonghi, Mesolonghi	Greece	38.3273 21.4129 (+/-1 km)	
Mogador	Mogador Is.	Morocco	31.4982 -9.7887 (+/-0.5 km)	
Mondello	Mondello	Sicily	38.2008 13.3288 (+/-0.5 km)	
Morèa	Peloponese (Morea, Morée)	Greece		
Mustapha	quartier of Algiers	Algeria.	36.7639 3.0688 (+/-1 km)	
[Golfo di] Napoli	Gulf of Naples	Italy	40.7202 14.2736 (+/-10 km)	
Ognina [presso Catania]	Ognina, Catania	Sicily	37.5297 15.1163 (+/-0.2 km)	
Palermo	Palermo	Sicily		
Pantelleria	Pantelleria Is.	Italy	36.8381 11.9374 (+/-5 km)	
Patrasso	Patras	Greece	38.2497 21.7253 (+/-2 km)	
Paulilles	Paulilles (Protected Area)	France	42.5021 3.1250 (+/-0.1 km)	
Coste del Piemonte	Coasts of Liguria	Itay		
Piombino	Piombino	Italy	42.9222 10.5206 (+/-1 km)	
Porto Maurizio	Porto Maurizio	Italy	43.8710 8.0102 (+/-1 km)	
Porto Vecchio	Porto-Vecchio	Corsica	41.5927 9.2925 (+/-1 km)	
Porto-Ferrajo	Portoferraio	Elba Is., Italy	42.8181 10.3305 (+/-1 km)	
Porto-Venere	Port-Vendres	France	42.5225 3.1136 (+/-0.2 km)	
Prevesa	Prèveza	Greece	38.9643 20.75556 (+/- 1 km)	
[Coste di] Provenza	[coasts of] Provence	France		
Puntebianche	Velirat (Veli Rat), Dugi Otok	Croatia	44.1441 14.8501 (+/-1 km)	
Quarnero	Quarnero, Quarnaro	Croatia	44.8339 14.1656 (+/-5 km)	Channel between Istria and the islands of Cres and Lošinj
Roussillon	Pyrénées-Orientales	France		The coasts of the Pyrénées-Orientales as described by B.D.D. (1882-1886), from La Franqui and Cap Leucate, southward until Cerbère
Saida (Syria).	Sidon, Saïda	Lebanon	33.5614 35.3612 (+/-2 km)	
[Isola di] S. Nicola, S. Nicola alle Isole Tremiti	S. Nicola Is. (Tremiti Islands).	Italy	42.1247 15.5084 (+/-1 km)	
[Isola di] San Pietro	San Pietro Is.	Sardinia	39.1370 8.3168 (+/-1 km)	

……continued on the next page

TABLE 1. (Continued)

Toponym as in Monterosato	Current toponym	country or territory	Coordinates (accuracy +/-)	notes
San Vito lo Capo, Capo San Vito	San Vito lo Capo (the village), Cape San Vito (the cape)	Sicily	38.1767 12.7386 (+/-1 km)	
Sciacca	Graham Bank, off Sciacca, in the Sicily Strait		37.1667 12.7167 (+/-0.2 km)	
Sfax	Sfax	Tunisia	34.7192 10.7902 (+/-5 km)	
Sidi-Feruch	Sidi Fredj	Algeria	36.7647 2.8409 (+/-1 km)	
Siracusa	Syracuse	Italy	37.0853 15.3013 (+/-1 km)	
[Coste di] Siria	[Coasts of Syria], now Syria and Lebanon	Syria and Lebanon		Sometimes also used erroneously instead of Coasts of Africa (see text)
[Stagno di] Diana, Etang de Diane	Etang de Diane	Corsica	42.1331 9.5381 (+/-1 km)	
Stretto di Messina	Strait of Messina, the strait between Sicily and Italy			
Tangeri, Baja di Tangeri, Tanger	Tangier, Tanger (Morocco)	Morocco	35.7796 -5.7904 (+/-1 km)	
Taormina	Taormina	Sicily	37.8498 15.3017 (+/-1 km)	
Taranto	Taranto, Tarente	Italy	40.4302 17.2260 (+/-2 km)	
Toulon	Toulon	France	43.1062 5.9481 (+/-1 km)	
Trapani	Trapani	Italy	38.0252 12.5194 (+/-1 km)	
Trieste	Trieste	Italy	45.6490 13.7473 (+/-1 km)	
Tripoli	Tripoli	Lybia	32.9071 13.1756 (+/-2 km)	
Tripoli	Tripoli	Lebanon	34.4355 35.8098 (+/-2 km)	
[Coste della] Tripolitania	[Coasts of] Tripolitania, Tripolitaine	Lybia		
[Isola] Ulbo	Olib Is.	Croatia	44.3819 14.7730 (+/-1 km)	
Vado	Vado Ligure	Italy	44.2730 8.4545 (+/-1 km)	
Valencia	Valencia	Spain	39.4351 -0.2639 (+/-10 km)	
Veglia	Veglia, on Krk Is.	Croatia	45.0202 14.5797 (+/-1 km)	
Venezia	Venice	Italy	45.4079 12.4047 (+/-10 km)	
Viareggio	Viareggio	Italy	43.8646 10.2316 (+/-1 km)	
Villafranca, Villefranche	Villefranche-sur-Mer	France	43.7016 7.3128 (+/-1 km)	
Zuara	Zuwarah, Zuwara, Zwara	Libya	32.9428 12.0876 (+/-1 km)	
Zuetina	Zuwetina (or Marsa Uasili)	Libya	30.9556 20.1116 (+/-1 km)	

TABLE 2. Localities recorded by Monterosato for fossil type materials. For each entry we provide: the locality name employed by Monterosato, the current toponym and location, and coordinates (when appropriate) in decimal degrees. The major problem with XIX century fossil sites is that many of them have been severely damaged or destroyed, often making almost impossible to provide precise coordinates of the site. Datation of the strata have been retrieved from available literature and consultation with palaeontologists, referring to the materials studied by Monterosato.

Monterosato's name	Locality current name	coordinates (accuracy +/-)	datation	reference
Altavilla	Altavilla Milicia (Sicily)	38.0451 13.5490 (+/- 0.2 km)	Late Pliocene-Early Pleistocene	D'Arpa & Ruggieri (2004); Dominici et al. (2017)
Castrovillari	Castrovillari (Italy)		Early Pleistocene	Russo & Schiattarella (1992); Faillace (1956)
Caltagirone	Caltagirone (Sicily)		Early Pleistocene	Di Grande & Giandinoto 2002; Greco (1986)
Cannamasca	On the left bank of River S. Michele, Cannemasche di Altavilla Milicia (Sicily)	38.0346 13.5569 (+/- 0.2 km)	Pliocene	Ruggieri & Curti (1959)
Ficarazzi	Ficarazzi (Sicily)		Early Pleistocene	Buccheri (1984); Sprovieri (1985)
Mengùb, Zuara	El-Mangúb, Al Manqūb (Libya)	32.8828 12.1672 (+/- 0.2 km)	probably late Pleistocene-Holocene	Samples collected during the construction of the Tripoli-Zuara railway
Milazzo	Cape Milazzo Peninsula (Sicily)	38.2651 15.2371 (+/- 0.2 km)	Middle Pleistocene	Fois (1990); Greco (1986); Ruggieri & Greco (1965); Sciuto (2003, 2005)
Modenese	Region Emilia-Romagna (Italy)		Late Pliocene	Not identifed with certainty: possibly one of the several Pliocene sites visited or studied by Pietro Doderlein in the Modena Province. (M. Taviani pers. comm)
Monte Mario	Monte Mario (Rome, Italy)	41.9217 12.4510 (+/- 0.2 km)	Early Pleistocene	Bonadonna (1968); D'Amico (2008); Di Bella (2010); La Perna (2007); La Perna et al. (2004)
Monte Pellegrino	Monte Pellegrino (Sicily)		Early Pleistocene	Greco (1986)
Nizzeti	Nizzeti (Catania, Sicily)	37.5661 16.1385	Early Pleistocene (but shallow water species may belong ro rehandled middle-late Pleistocene assemblages)	Greco (1986); Scalia (1900)
Oreto	Valley of River Oreto (Palermo, Sicily)		Early Pleistocene	Giammarinaro et al. (1999); Greco (1986); Ruggieri & Sprovieri (1977)
Santa Flavia	Santa Flavia (East of Palermo, Sicily)	38.0826 13.5279) (+/- 0.5 km)	Early Pleistocene	Greco (1986); Ruggieri et al. (1968)
Sperlinga	Sperlinga (Palermo, Italy)	38.1382 13.3426 (+/- 0.2 km)	Early Pleistocene	Greco (1986); Giammarinaro et al. (1999)
Uditore	Uditore (Palermo, Sicily)	38.1300 13.3272 (Parco Uditore) (+/- 0.2 km)	Early Pleistocene	Greco (1986)

notation † = Fossil, when appropriate), with their current names. Table 1 reports a list of Recent localities cited by Monterosato, with the original spelling and (as far as possible) their modern identification. Table 2 reports a list of fossiliferous sites cited by Monterosato, with the original spelling, their modern identification (although this was not possible with accuracy for all of them) and a datation according to literature. For each nominal taxon the currently accepted name as reported by MolluscaBase (2018) is given; when necessary, proposed changes to the currently accepted systematics [**new combination**] or synonymy [**new synonymy**] are highlighted. Similarly, each name recorded by MolluscaBase (2018) as either taxon inquirendum for which the identity could be assessed, or accepted taxon for which we suggest further investigation, is highlighted as **new status**.

Representative shells of each type series were photographed. Multiple images were taken using a JVC camera mounted on a Wild Photomakroskop M 400 dissecting microscope and Archimed digital imaging software, or by a Canon EOS350D camera equipped with an 18–55 mm lens. Image layers were montaged edited with the CombineZ software (Hadley, 2006) and then resized and combined into figure plates using Adobe Photoshop. Some material has been mounted on SEM stubs and photographed under a Philips XL30 SEM (with or without gold–palladium coating).

Updated checklist of Monterosato's works

From 1982 to 1989 the Società Italiana di Malacologia published the *Opera Omnia*, namely a collation of the malacological works of Monterosato, 1869–1923 edited by Riccardo Giannuzzi Savelli, with the help of Piero Piani. However, since then, the correction of some datings of Monterosato's papers has been possible. Furthermore, according to Beckmann (2001), at least one overlooked work was to add to the *Opera Omnia*: Monterosato authored the part on Mollusca (excluding Limacidae) in a paper on the Tremiti Islands fauna of Giacomo Cecconi, as confirmed also by Cecconi (1908: 6, note 3). Dates have been revised based on published updatings (e.g.: Fischer–Piette, 1937; Manganelli & Cianfanelli, 2001; Evenhuis 2003) and/or by checking the printing date on original issues and/or volumes. The present attempt to establish the actual chronological order of Monterosato's articles is probably not conclusive, the date of publication of several works needing to be further investigated.

Citations of Monterosato's works in the catalog of types, include the updated dating and, in square parentheses, the article number and the page numbers in the *Opera Omnia*. The citation "1879c: 24 [XXII: 480]—available name", for the original introduction of *Chiton cimicoides* as an available name, refers thus to the monograph on polyplacophorans (Monterosato 1879c: 24); that paper in the *Opera Omnia* is the XXII work, and page 24 of the original paper is page 480 in the collation. Notice that some plates have been modified in the *Opera Omnia*, and several have been renumbered.

1869a. Description d'un *Dolium* méditerranéen nouveau. *Journal de Conchyliologie*, 17 (3): 228–230; pl. XII, fig.1. (July 16th, 1869) [I: 1–5].

1869b. Description d'espèces nouvelles de la Méditerranée. *Journal de Conchyliologie*, 17 (3): 274–277; pl. XIII, figs1–3. (July 16th, 1869) [II: 7–13]

1869c. *Testacei nuovi dei mari di Sicilia*, I. Mirto, printed for the Author, Palermo, 18 pp.; 1 pl. (October 15th, 1869) [III: 15–33]

1870. Sulla scoperta del genere *Dacrydium* nel Mediterraneo. *Bullettino Malacologico Italiano*, 3 (2): 43–46. (between May 22nd and June 18th, 1870) [IV: 35–40]

1872a. *Notizie intorno alle conchiglie fossili di Monte Pellegrino e Ficarazzi*, M. Amenta printed for the Author, Palermo, 44 pp. (March 10th, 1872) [V: 41–82]

1872b. *Notizie intorno alle conchiglie mediterranee* [preface (14 pp.) to:]/ *Catalogo delle conchiglie mediterranee*, M. Amenta, printed for the Author, Palermo, 61 pp. (October 2nd, 1872) [Two works usually regarded as a single one, as in the *Opera Omnia*, VI: 83–143]

1873a/b. *Notizie intorno ai Solarii del Mediterraneo*, pp. 1–11; 1 pl. [(1873a)—VII: 145–155 + 160–161]. *Note e correzioni al mio opuscolo "Notizie intorno alle conchiglie mediterranee"*, pp. 12–15 [(1873b)—VIII: 156–159], M. Amenta, printed for the Author, Palermo. [Two brief papers privately published in the same issue] (June 30th, 1873)

1873c. Remarks on certain species of Mollusca described and figured in the "Microdoride mediterranea", of Prof. O.G. Costa (communicated by J. Gwyn Jeffreys). *The Annals and Magazine of Natural History*, 4th Series, 12: 251–252. (October 1st, 1873) [IX: 163–165]

1874a. Recherches conchyliologiques effectuées au Cap Santo Vito, en Sicile. *Journal de Conchyliologie*, 22 (3): 243–282. (August 1st, 1874) [X: 167–208]

1874b. Recherches conchyliologiques effectuées au Cap Santo Vito, en Sicile—Supplément. *Journal de Conchyliologie*, 22 (4): 359–364. (November 25th, 1874) [XI: 209–216]

1875a. Note intorno ad alcuni articoli di conchiologia mediterranea pubblicati nel 'Jahrbucher der Deutschen Malakozoologische Gesellschaft' dal Sig. H.C. Weinkauff e dal Dott. Kobelt. *Bullettino della Società Malacologica Italiana*, 1 (1): 68–73. (April 14th, 1875) [XII: 217–223]

1875b. Nuova rivista delle conchiglie mediterranee. *Atti dell'Accademia di Scienze, Lettere ed Arti di Palermo*, New Series, 5 (1): 1–50. (Read at the Academy: 24th January, 1875. Exact printing date unknown. Volume dated on the frontispiece: "1875"; thus, provisionally regarded as dated: December 31st, 1875) [XIII: 225–276]

1875c. Poche note sulla conchiologia mediterranea, Typography of 'Il Giornale di Sicilia', Palermo, printed for the Author, 15 pp. (December 31st, 1875) [XIV: 277–291]

1877a. Note sur quelques coquilles provenant des côtes d'Algérie, *Journal de Conchyliologie*, Paris, 25 (1): 24–49; pls II–III. (February 17th, 1877) [XV: 293–322, pls V–VI; plates renumbered and partly modified in the *Opera Omnia*]

1877b. Relativement au *Fusus Jeffreysianus*, Fischer [...] [a summary by Hippolyte Crosse of a letter by the Marquis]. *Journal de Conchyliologie*, 25 (1): 99–100. (February 17th, 1877) [XVI: 323–324]

1877c. Catalogo delle conchiglie fossili di Monte Pellegrino e Ficarazzi presso Palermo. *Bollettino del Reale Comitato Geologico d'Italia*, 8 (Nos. 1–2): 28–42. ("January–February 1877", thus dated February 28th, 1877) [XVII: 325–340]

1877d. Notizie sulle conchiglie della rada di Civitavecchia. *Annali del Museo Civico di Storia Naturale di Genova*, (1876–1877)9: 407–428. (May 1st, 1877) [XVIII: 341–364]

1878a. Note sur quelques coquilles draguées dans les eaux de Palerme. *Journal de Conchyliologie*, 26 (2): 143–160. (June 11th, 1878) [XX: 431–450]

1878b. Note sur quelques coquilles provenant des côtes d'Algérie—Supplément. *Journal de Conchyliologie*, 26 (4): 313–321. (December 24th, 1878) [XXI: 451–461]

1878c. Enumerazione e sinonimia delle conchiglie mediterranee. *Giornale di Scienze Naturali ed Economiche pubblicato per cura della Società di Scienze Naturali ed Economiche di Palermo*, 13: 61–115. (exact printing date unknown; date on the frontispiece: "1878", thus provisionally regarded as dated: December 31st, 1878) [XIX: 373–429]

1879a. (J.–R. Bourguignat:) Monografia del nuovo genere siciliano *Allerya*, memoria del socio corrispondente Mr. J.–R. Bourguignat [translated from French and read at the Accademy by Monterosato]. *Atti dell'Accademia di Scienze, Lettere ed Arti di Palermo*, Nuova Serie, 6 (1): 1–7. (Dated on frontispiece: "1878–1879", but on the next page it is printed: "Reale Accademia Palermitana 30 marzo 1879", followed by an illegible signature. Thus regarded as dated: March 30th, 1879) [XXIV: 493–501]

1879b. Note sur les espèces du genre *Platidia*. *Journal de Conchyliologie*, 27 (4): 306–308; pl. XIII, fig. 3. (December 20th, 1879) [XXIII: 489–492]

1879c. Enumerazione e sinonimia delle conchiglie mediterranee—Monografia dei Chitonidi del del Mediterraneo. *Giornale di Scienze Naturali ed Economiche pubblicato per cura della Società di Scienze Naturali ed Economiche di Palermo*, 14: 9–31. (Exact printing date unknown; date on the frontispiece: "1879", thus provisionally regarded as dated: December 31st, 1879) [XXII: 463–487]

1880a. Nota sull'articolo delle conchiglie pompeiane del Dott. Tiberi. *Bullettino della Società Malacologica Italiana*, 5 (11–15): 201–203. (March 5th, 1880) [XXV: 503–507]

1880b. Notizie intorno ad alcune conchiglie della costa d'Africa. *Bullettino della Società Malacologica Italiana*, 5 (11–15): 213–233. (March 5th, 1880) [XXVI: 509–531]

1880c. Conchiglie della zona degli abissi. *Bullettino della Società Malacologica Italiana*, 6 (1–4): 50–64 (March 21st, 1880) + (5–10): 65–82 (September 18th, 1880). [XXVII: 533–566]

1881a. Nota sopra alcune conchiglie coralligene del Mediterraneo. *Bullettino della Società Malacologica Italiana*, 6 (15–18): 243–259. (February 14th, 1881) [XXVIII: 567–585]

1881b. Conchiglie del Mediterraneo. Articolo primo. *Il Naturalista Siciliano*, 1 (1): 2–4. (October 1st, 1881) [XXIXa: 587–590]

1881c. Conchiglie del Mediterraneo. Articolo secondo. *Il Naturalista Siciliano*, 1 (3): 49–52. (December 1st, 1881) [XXIXb: 591–594]

1882. Conchiglie del Mediterraneo. Articolo secondo (continuazione). *Il Naturalista Siciliano*, 1 (5): 97–99. (February 1st, 1882) [XXIXc: 595–597]

1883. Conchiglie littorali mediterranee [1]. *Il Naturalista Siciliano*, 3 (3): 87–91. (December 1st, 1883) [XXXa: 599–605]

1884a. Conchiglie littorali mediterranee [2]. *Il Naturalista Siciliano*, 3 (4): 102–111. (January 1st, 1884) [XXXb: 606–615]

1884b. Conchiglie littorali mediterranee [3]. *Il Naturalista Siciliano*, 3 (5): 137–140. (February 1st, 1884) [XXXc: 616–619]

1884c. Conchiglie littorali mediterranee [4]. *Il Naturalista Siciliano*, 3 (6): 159–163. (March 1st, 1884) [XXXd: 620–624]

1884d. Conchiglie littorali mediterranee [5]. *Il Naturalista Siciliano*, 3 (8): 227–231. (May 1st, 1884) [XXXe: 625–629]

1884e. Conchiglie littorali mediterranee [6]. *Il Naturalista Siciliano*, 3 (10): 277–281. (July 1st, 1884) [XXXf: 630–634]

1884f. Conchiglie littorali mediterranee [7]. *Il Naturalista Siciliano*, (October–November 1884)4 (1–2): 21–25. (On the frontispiece: "Si pubblica ogni primo di mese" i.e. "Published on the first day of each month", but the issue is dated "1 Ottobre–Novembre 1884". The copy at the Library of the Museum of Comparative Zoology, Harvard, was recorded with the handwritten note: "Nov. 21 1884", compatible with publishing on October 1st, 1884) [XXXg: 635–639]

1884g. Conchiglie littorali mediterranee [8]. *Il Naturalista Siciliano*, 4 (3): 60–63. (December 1st, 1884) [XXXh: 640–643]

1884h. *Nomenclatura generica e specifica di alcune conchiglie mediterranee*, Virzi, printed for the Author, Palermo, 152 pp. (Exact printing date unknown. Volume dated on the frontispiece: "1884". A handwritten note on the copy of the Smithsonian Libraries specifies: "After August" (see also Tomlin, 1931). With no other indications, it is to date: December 31st, 1884) [XXXI: 655–808]

1885a. Conchiglie littorali mediterranee [9]. *Il Naturalista Siciliano*, 4 (4): 80–84. (January 1st, 1885) [XXXi: 644–648]

1885b. Conchiglie littorali mediterranee [10]. *Il Naturalista Siciliano*, 4 (8): 200–204. (May 1st, 1885) [XXXj: 649–653]

1888a. Molluschi del porto di Palermo: specie e varietà [1]. *Bullettino della Società Malacologica Italiana*, 13 (11–13): 161–180. (October 15th, 1888) [XXXIII: 821–842]

1888b. [No title—Letter to Enrico Ragusa, director of *Il Naturalista Siciliano*, on the purchase of the Giovanni Battista Adami (1838–1887) collection by the Marquis]. *Il Naturalista Siciliano*, 8 (2): 55. (November 1st, 1888) [XXXII: 817–819]

1889a. Nota intorno ai *Donax* del Mediterraneo. *Il Naturalista Siciliano*, 8 (4): 95–98; pl. II. (January 1st, 1889) [XXXIV: 843–849]

1889b. Molluschi del porto di Palermo: specie e varietà [2]. *Bullettino della Società Malacologica Italiana*, 14 (4–6¼)[sic, fide Manganelli & Cianfanelli (2001)]: 75–81. (April 20th, 1889) [XXXVII: 883–891]

1889c. Coquilles marines Marocaines. *Journal de Conchyliologie*, 37 (1): 20–40. (May 2nd, 1889) [XXXV: 851–872]

1889d. Coquilles marines marocaines (suite et fin). *Journal de Conchyliologie*, 37 (2): 112–121. (September 20th, 1889) [XXXVI: 872–881]

1890a. Conchiglie delle profondità del mare di Palermo [1]. *Il Naturalista Siciliano*, 9 (6): 140–151. (March 1st, 1890) [XXXVIIIa: 893–905]

1890b. Conchiglie delle profondità del mare di Palermo [2]. *Il Naturalista Siciliano*, 9 (7): 157–166. (April 1st, 1890) [XXXVIIIb: 905–914]

1890c. Conchiglie delle profondità del mare di Palermo [3]. *Il Naturalista Siciliano*, 9 (8): 181–191. (May 1st, 1890) [XXXVIIIc: 915–925]

1891a. Molluschi fossili quaternari di S. Flavia [1]. *Il Naturalista Siciliano*, 10 (5): 96–104. (February 1st, 1891) [XXXIXa: 927–936]

1891b. Molluschi fossili quaternari di S. Flavia [2]. *Il Naturalista Siciliano*, 10 (6): 120–125. (March 1st, 1891) [XXXIXb: 936–941]

1891c. Relazione tra i molluschi del quaternario di Monte Pellegrino e di Ficarazzi e le specie viventi. *Bullettino della Società di Scienze Naturali ed Economiche di Palermo*, 2: 12–15. (Read at the Società di Scienze Naturali ed Economiche di Palermo on January 25th, 1891. Waiting for further evidences, provisionally regarded as dated: December 31st, 1891) [XL: 943–948]

1892a. Nota intorno ai *Pectunculus* dei mari d'Europa. *Il Naturalista Siciliano*, 11 (6–8): 143–155. (On the frontispiece: "Si pubblica ogni primo di mese" i.e. "Published on the first day of each month" and "marzo–aprile maggio 1892". Thus: March 1st, 1892) [XLII: 955–969]

1892b. Note sur l'*Emarginula compressa* Cantraine. *Journal de Conchyliologie*, 40 (1): 78–81. (June 16th, 1892) [XLI: 949–953]

1892c. Monografia dei vermeti del Mediterraneo. *Bullettino della Società Malacologica Italiana*, 17 (1–3): 7–48; pls I–VII. (August 25th, 1892) [XLIV: 1007–1063]

1893. Molluschi terrestri delle isole adiacenti alla Sicilia. *Atti della Reale Accademia delle Scienze, delle Lettere e delle Arti di Palermo*, 3rd Series, 2: 1–34 (unclear partition of issues in the volume. At the end on the paper (p. 33) it is printed "Gennaro 1892" [sic], namely "January 1892". On the other hand, the frontispiece of the Vol. 2 is dated "1893". With no other cues, it is regarded as dated: December 31st, 1893) [XLIII: 971–1006]

1894. Conchiglie terrestri viventi e fossili di Monte Pellegrino. *Il Naturalista Siciliano*, 13 (9): 165–173. (June 1st, 1894) [XLVI: 1071–1081]

1895. Note sur le genre *Hagenmulleria* de Bourguignat. *Journal de Conchyliologie*, (1894)42 (2): 112–116. (February 25th, 1895) [XLV: 1065–1070]

1896a. Note intorno alle Najadi Siciliane. *Il Naturalista Siciliano*, New Series 1 [= 15] (Nos. 1–2–3): 6–20. (The paper is dated at the bottom: "Gennaio 1896". However, the first issue of the volume migth have been printed later, since the Società dei Naturalisti di Palermo, publisher of *Il Naturalista Siciliano* New Series, was established on May 3rd, 1896, according to a communication at the beginning of Vol. 15 (p. 3). Provisionally we keep the date previously accepted in literature, waiting for further evidences: January 31st, 1896) [XLVIII: 1089–1104]

1896b. Note sur le genre *Barleeia* Clark. *Journal de Conchyliologie*, (1895)43 (2): 77–79. (March 19th, 1896) [XLVII: 1083–1087]

1898. Sur les *Cypraea* de la Méditerranée. *Journal de Conchyliologie*, (1897)45 (3): 153–165; pl. VI. (April 9th, 1898) [XLIX: 1105–1120]

1899. Revision de quelques *Pecten* des mers d'Europe. *Journal de Conchyliologie*, (1899)47 (3): 182–193. (October 7th, 1899) [L: 1121–1133]

1900. Coquilles marines de Chypre. *Journal de Conchyliologie*, (1899)47 (4): 392–401. (January 23rd, 1900) [LI: 1135–1145]

1901. Eine neue italienische Hochgebirgschnecke. *Nachrichtsblatt der Deutschen Malakozoologischen Gesellschaft*, 33(11–12): 186–187. (Issue dated "November–Dezember 1901" on the frontispiece; on the issue last page (p. 192) it is printed: "Ausgegeben 4. Dezember", viz. "Printed 4th December". Therefore, dated: December 4th, 1901) [LII: 1147–1149]

1905. Storia del *Dentalium politum* di O.G. Costa. *Annuario del Museo Zoologico della R. [= Reale] Università di Napoli*, New Series, (1901–1905) 1 (27): 1. (January 14th, 1905) [LIII: 1151–1153]

1906a. Articolo sulle Auriculidae, Assiminidae e Truncatellidae dei mari d'Europa. *Il Naturalista Siciliano*, New Series, 18 (6): 125–130. (January 1st, 1906) [LIV: 1155–1162]

1906b. Nota sopra una specie di *Volvarina* [a footnote at the bottom of the previous paper]. *Il Naturalista Siciliano*,

18 (6): 130. (January 1st, 1906) [LV: 1162]
1906c. Articolo sul *Pecten opercularis* e sue forme. *Il Naturalista Siciliano*, 18 (7): 145–151. (February 1st, 1906) [LVI: 1163–1171]
1908a. Mollusca [excluding Limacidae]. In: Cecconi, G., Contributo alla fauna delle Isole Tremiti. *Bollettino dei Musei di Zoologia ed Anatomia Comparata della Reale Università di Torino*, 23 (583): 1–53 [Mollusca: pp. 6–9]. (May 20th, 1908) [Not included in the *Opera Omnia*]
1908b. Note sur l'*Eulima ptilocrinicola*. *Journal de Conchyliologie*, 56 (2): 116–118. (October 25th, 1908) [LVII: 1173–1176]
1909. Note sur l'*Erycina cuenoti*. *Journal de Conchyliologie*, 56 (4): 253–255. (March 20th, 1909) [LVIII: 1177–1181]
1910. Nota su taluni generi e specie della famiglia Cerithiidae. *Giornale di Scienze Naturali ed Economiche*, (1911)28: 65–76; pl. I (No clear issue partition of the volume. On the article bottom it is printed: "Finito di stampare il 30 giugno 1910"; viz. "Printing completed on June 30th, 1910" which is therefore assumed as the printing date) [LIX: 1191–1205]
1912a. Sur quelques formes du *Nassa (Hinia) reticulata* Linné. *Journal de Conchyliologie*, (1911)59 (4): 253–255; pl. VII. (October 12th, 1912) [LX: 1207–1219]
1912b. Historique du *Nassa tinei*. *Journal de Conchyliologie*, (1911)59 (4): 294–296. (October 12th, 1912) [LXI: 1221–1224]
1913. Note on the genus *Pseudomalaxis* Fischer, and description of a new species and subgenus. *Proceedings of the Malacological Society of London*, 10 (6): 362–363. (September 22nd, 1913) [LXII: 1225–1227]
1914a. Sur le genre *Danilia*. *Journal de Conchyliologie*, (1913)61 (4): 381–384; pl. IX. (June 30th, 1914) [LXIII: 1229–1235]
1914b. Sur les *Argonauta* de la Méditerranée. *Journal de Conchyliologie*, (1913)61 (4): 385–390; pls X–XIII. (June 30th, 1914) [LXIV: 1237–1248]
1915. *Ostreae* ed *Anomiae* del Mediterraneo. *Annali del Museo Civico di Storia Naturale "Giacomo Doria"*, (1916), Ser. 3rd 7 [= 47]: 7–16; pls I–IV. (The article bound in Vol. 7 is not dated; however, separate reprints are dated: 3rd September, 1915) [LXV: 1249–1268A]
1916. Nota sull'Arca di Noe. *Il Naturalista Siciliano*, New Series 3 [= 23] (1–6): 61–63. (issue Nos. 1–6 dated "Gennaio–Giugno 1916". Thus to date: June 1st, 1916) [LXVI: 1269–1273]
1917. Molluschi viventi e quaternari raccolti lungo le coste della Tripolitania dall'ing. Camillo Crema. *Bollettino della Società Zoologica Italiana*, 3rd Series 4 [= 24]: 1–28; pl. I and some additional photos to pl. I. (No cues at our disposal for a more accurate dating; thus, dated December 31st 1917) [LXVII: 1275–1305]
1923. Molluschi delle coste cirenaiche raccolti dell'ing. Crema. *Regio Comitato Talassografico Italiano, Memoria No. 106*: 14 pp.; 1 pl. (No cues at our disposal for a more accurate dating; thus, dated December 31st 1923) [LXVIII: 1307–1319]

Disclaimer. In many cases we have reported unpublished names, often found on the original labels. In any such case we did not intend by these citations to introduce new names. They were only reported to facilitate tracking of the material or to elucidate the history of nomina nuda.

Abbreviations and acronyms
coll.: collection;
frg: shell fragment(s);
lv: live collected specimen(s) with soft parts;
sh: empty shell(s);
v: valve(s);
†: Fossil
ICZN: International Commission on Zoological Nomenclature
HUJ: Hebrew University Jerusalem, Israel
MCZR: Museo Civico di Zoologia di Roma, Italy

MNHN: Muséum National d'Histoire Naturelle, Paris, France
MNHNS: Museo Nacional de Historia Natural, Santiago, Chile
NHML: Natural History Museum, London, United Kingdom
NHMW: Naturhistorische Museum Wien, Austria
NMW: National Museum of Wales, Cardiff, United Kingdom
PBE: Palazzo Braschi Shell Exhibition (1976), Roma, Italy
USNM: Smithsonian National Museum of Natural History, Washington DC, United States
ZMHU: Museum für Naturkunde der Humboldt-Universität, Berlin, Germany

The notation "!" or "!!" (rarely "!!!") in the original labels and in the works by Monterosato stands for "personally checked".

CLASS POLYPLACOPHORA
ORDER LEPIDOPLEURIDA
Family LEPTOCHITONIDAE

cimicoides, Chiton [*Leptochiton cimicoides* (Monterosato, 1879)] (Figures 1A, B)
1878c: 77 [XXI: 391]—nomen nudum
1879c: 24 [XXII: 480]—available name
Type material. MCZR–M–30001/L—1 sh (Lectotype) "C. minimus, Monts = C. cancellatus (non Sow.)" back of the label "C. cancellatus (….) Sow".
MCZR–M–30001/P—4 sh (Paralectotypes) + 1 sh (Paralectotype) on a stub for SEM analysis "C. minimus, Monts = C. cancellatus (non Sow.)" back of the label "C. cancellatus (….) Sow".
Type locality. Palermo (Sicily). Described also from Gulf of Lion (France) and Dalmatia (Croatia).
Remarks. Monterosato (1879a: 23) described *Chiton minimus* n. sp., whereas Monterosato 1878 is nomen nudum. He introduced, however, the nomen novum *C. cimicoides* in the subsequent page, as possible replacement name for *C. minimus* Monterosato, non Spengler, 1797. The names proposed conditionally before 1961 are not to be excluded on that account alone (ICZN, 1999, art. 11.5.1), and therefore, *C. cimicoides* is the name to use for this small elusive species, now usually placed in the genus *Leptochiton* J.E. Gray, 1847 (Dell'Angelo & Palazzi, 1987). *Lepidopleurus intermedius* von Salvini Plawen, 1968 (p. 251), described from Rovinj, Croatia, is regarded as a synonym, in spite of some differences in the ornamentation of girdle elements (Dell'Angelo & Palazzi, 1987; Kaas & van Belle, 1990: 9). Dell'Angelo & Palazzi (1987) designated the lectotype and figured one paralectotype. Recorded by MolluscaBase (2018) as *Leptochiton cimicoides* (Monterosato, 1879).

ORDER CHITONIDA
SUPERFAMILY CHITONOIDEA
Family CALLISTOPLACIDAE

pachylasmae, Chiton (ex G. Seguenza ms.) [*Callistochiton pachylasmae* (Monterosato, 1879 ex G. Seguenza ms.)] (Figures 1C, D)
1878c: 77 [XIX: 391]—nomen nudum
1879c: 24 [XXII: 480]—available name
Type material. MCZR–M–12683/H—Holotype "C. pachylasmae Str. di Messina! Seg. ms." "Chiton pachylasmae Seg."
Type locality. Strait of Messina (Mediterranean Sea).
Remarks. Now ascribed to the genus *Callistochiton* Dall, 1879 ex P. Carpenter ms. It is the type species of the subgenus *Allerychiton* Dell'Angelo & Oliverio, 1997 (by original designation). The name was made available by a description included in the important paper on Polyplacophora (1879c), but the manuscript name by Giuseppe Seguenza had already appeared as a nomen nudum in Monterosato (1878c: 77) and Tiberi (1879: 150). Gaglini (in Settepassi, 1985) figured the single specimen. Recorded by MolluscaBase (2018) as *Callistochiton pachylasmae* (Monterosato, 1879).

Family CHITONIDAE

phaseolinus, Chiton [*Chiton phaseolinus* Monterosato, 1879] (Figures 1E, F)
1872b: 29 [VI: 111]—as *Chiton rubicundus var phaseolinus*—nomen nudum
1875a: 21 [XIII: 247]—nomen nudum
1878c: 77 [XIX: 391]—nomen nudum
1879c: 16 [XXII: 472]—available name
Type material. MCZR–M–12674—1 sh "Ch. Phaseolinus, Monts Palermo Acqua Santa!" // 1 sh "A. Costa Golfo di Napoli"// 2 sh + 5 v "Ch. phaseolinus Monts Palermo all'Acqua Santa", (recto), "Chit. phaseolinus mihi. Palermo all'Acqua Santa" (verso).
Type locality. Described from Palermo (Sicily) and Gulf of Napoli (Italy).
Remarks. Gaglini (in Settepassi, 1985) figured one of the specimen from Acqua Santa. Recorded by MolluscaBase (2018) as *Chiton phaseolinus* Monterosato, 1879.

SUPERFAMILY MOPALIOIDEA
Family LEPIDOCHITONIDAE

furtivus, Chiton [*Lepidochitona furtiva* (Monterosato, 1879)] (Figures 1G, H)
1872b: 29 [VI: 111]—nomen nudum
1875a: 21 [XIII: 247]—nomen nudum
1878c: 77 [XIX: 391]—nomen nudum
1879c: 19 [XXII: 475]—available name
Type material. MCZR–M–12718/L—1 sh (Lectotype) "Ch. furtivus Monts Palermo"
MCZR–M–12718/P—1 sh (Paralectotype) "Ch. furtivus Monts Palermo"
Type locality. Palermo (Sicily).
Remarks. Both the structure of valves and the morphology of the girdle elements suggest that *Chiton furtivus* belongs to the genus *Lepidochitona* J.E. Gray, 1821 (Kaas & van Belle, 1981: 37). Gaglini (in Settepassi, 1985) designated and figured the lectotype. Recorded by MolluscaBase (2018) as *Lepidochitona furtiva* (Monterosato, 1879).

CLASS GASTROPODA
SUBCLASS VETIGASTROPODA
SUPERFAMILY FISSURELLOIDEA
Family FISSURELLIDAE

dorsata, Fissurella [*Diodora dorsata* (Monterosato, 1878)] (Figures 1K–M)
1872a: 28 [V: 66]—nomen nudum
1878a: 148 [XX: 438]—available name
Type material. MCZR–M–11943—1 sh "F. dorsata Monts typo di M. Pell."// 31 sh "F. dorsata Monts M. Pellegrino!"
MCZR–M–11966—3 sh "= dominicana O.-G. Costa Fissurella dorsata Monts Palermo!"// 4 sh "F. dorsata var. virens Monts Palermo"
MCZR–M–11965—2 sh "Palermo".
MCZR–M–11938—1 sh "M. Pellegr! Typ."
Type locality. Described from Monte Pellegrino †**,** Ficarazzi † and Palermo (Sicily).
Remarks. The name is available albeit with a very poor description. Recorded by MolluscaBase (2018) as *Diodora dorsata* (Monterosato, 1878).

producta, Fissurella [*Diodora producta* (Monterosato, 1880)] (Figures 1N, O)
1880b: 216 [XXVI: 514]—available name

Type material. MCZR–M–11965/L—1 sh (Lectotype) "F. producta Monts Spugne di Barberia"
MCZR–M–11965/P—3 sh (Paralectotypes) "F. producta Monts spugne di Barberia".
Type locality. Coasts of Barberia (Tunisia).
Remarks. Subsequently figured (Monterosato, 1917: pl. I, figs. 6, 7). Now assigned to the genus *Diodora* J.E. Gray, 1821. A lectotype of this characteristic species was designated from the Monterosato collection and figured by Buzzurro & Russo (2004: 6, figs 19–21), who discussed the identity of several Mediterranean *Diodora* species. Recorded by MolluscaBase (2018) as *Diodora producta* (Monterosato, 1880).

SUPERFAMILY HALIOTOIDEA
Family HALIOTIDAE

secernenda, Haliotis [*Haliotis mykonosensis* Owen, Hanavan & Hall, 2001] (Figures 1P–R)
1877d: 416 [XVIII: 352]—available name
Type material. MCZR–M–11852—14 sh "secernenda juvenis Palermo!"// 4 sh "N.B. gli esemplari senza etichetta sono tutti di Palermo"
MCZR–M–11854—2 sh "H. secernenda Corsica d. Ponsonby"
MCZR–M–11858—9 sh "Hal. reticulata Reeve = secernenda Monts. (Brugnone)" [Monterosato started using '*Haliotis reticulata* Reeve' in 1884, thus this is possibly not type material]
Type locality. Described from Mediterranean Sea.
Remarks. Monterosato (1877d: 416) described *H. secernenda* as a form (smaller, flat, dark coloured, with a sculpture of weak cords only, more iridescent, and with straight peristome) of *Haliotis lamellosa* Lamarck, 1822. Later, he raised the name to specific rank (1884a: 104), making it available since the original date of publication, viz. 1877 (ICZN, 1999: art. 45.6.4.1). MolluscaBase (2018) records *Haliotis tuberculata* var. *secernenda* in the synonymy of *H. tuberculata tuberculata* based on Geiger & Poppe (2000). However, the shell characters of *H. secernenda* are the same diagnostic for *H. mykonosensis* Owen, Hanavan & Hall, 2001 **[new synonymy]** (see also Geiger & Owen, 2012).

SUPERFAMILY LEPETELLOIDEA
Family PSEUDOCOCCULINIDAE

tenue, Propilidium (ex Jeffreys ms.) [*Copulabyssia tenuis* (Monterosato, 1880 ex Jeffreys ms)] (Figures 1I, J)
1878c: 79 [XIX: 393]—nomen nudum
1880c: 66 [XXVII: 550]—available name
Type material. MCZR–M–12144—2 sh "Propilidium pertenue Palermo (Monterosato) Jeffr.", "Propilidium tenue, J. B. Biscay (Porcupine)" (Jeffreys' handwriting), "Propilidium tenue n. sp. Jeffr. Palermo 280 m!"
Type locality. Described from off Palermo (Sicily) [Palermo 280 m depth, on the label], and from the Atlantic.
Remarks. MolluscaBase (2018) records *Propilidium tenue* as taxon inquirendum. It is certainly not a *Propilidium* as defined by the type species (*Patella ancyloides* Forbes). Actually, it is a senior synonym of *Copulabyssia corrugata* (Jeffreys, 1883) (see Dantart & Luque 1994: fig. 56) **[new synonymy]**. Jeffreys stated he had examined material of *P. pertenue* sent by Monterosato from Palermo (162.5 fms = c. 300 m, the depth of the type material of *P. tenue* reported in Monterosato, 1878c), and that he had previously given the manuscript name *tenue* to the new species (Jeffreys, 1883[1878–1885]: 674, April). Therefore, *P. pertenue* Jeffreys, 1883 (October) is also a junior synonym of *Copulabyssia tenuis* (Monterosato, 1880 ex Jeffreys ms.) **[new combination]**.

SUPERFAMILY PHASIANELLOIDEA
PHASIANELLIDAE

candidula, Tricolia [*Tricolia tenuis* (Michaud, 1829)] (Figures 2A, B)
1917: 11, add. figs to pl. I, fig. 33 [LXVII: 1285]—available name
Type material. MCZR–M–10745—4 sh "Trap." "Tricoliella candidula Monts".

Type locality. Described from Trapani (Sicily).
Remarks. The species was described in a paper on the molluscs from Tripolitania (Libya), yet Monterosato (1917: 11) wrote that it was not found there, but rather it was not rare at Trapani (Western Sicily), and figured (1917: add. figs to pl. I, fig. 33) a shell from Trapani. Recorded by MolluscaBase (2018) as a synonym of *Tricolia tenuis* (Michaud, 1829).

dubia, Eudora [*Tricolia pullus picta* (da Costa, 1778)] (Figures 2C, D)
1889c: 31 [XXXV: 863]—available name
Type material. MCZR–M–10723—6 sh "E. dubia dal Marocco a Casa Blanca"// 6 sh "Casa Blanca (Maroc)". Label on the bottom "Eudora dubia Monts Casa Blanca (Maroc)"
Type locality. Described from Casablanca (Morocco).
Remarks. A synonym of *Tricolia pullus picta* (da Costa, 1778), according to Gofas (1982: 189). Recorded by MolluscaBase (2018) as a synonym of *Tricolia pullus picta* (da Costa, 1778).

jolyi, Tricoliella [*Tricolia miniata* (Monterosato, 1884)] (Figures 2E–H)
1889c: 30 [XXXV: 862]—available name
Type material. Not found
Historical material. MCZR–M–30051—12 sh "Phasianella Joly. Monts. *Juv.* Orano" "Tricoliella jolyi Journ. Conch. 1889 p. 30, 31. " "Les Phasianelles meritant un etude special…"
Type locality. Described from Casablanca (Morocco) and Guyotville, Algiers (Algeria).
Remarks. We have found only non–type specimens from Oran labelled by Monterosato, that confirms it is a junior synonym of *Tricolia miniata* (Monterosato, 1884), as suggested by Gofas (1982: 197). Recorded by MolluscaBase (2018) as a synonym of *Tricolia miniata* (Monterosato, 1884).

miniata, Tricoliella [*Tricolia miniata* (Monterosato, 1884)]
1884h: 50 [XXXI: 706]—available name
Type material. Not found
Type locality. Described from Tangier (Morocco), Palermo (Sicily).
Remarks. First described as a variety of *Tricoliella punctata* (Risso, 1826) [=*Tricolia pullus pullus* (Linnaeus, 1758)], the name was raised to specific rank before 1985 (Gofas, 1982: 197), thus becoming available (ICZN, 1999: art. 45.6.4.1). *Tricoliella miniata* is a senior synonym of *Tricoliella jolyi* Monterosato, 1889; part of the type material (from Tanger, Morocco) should be in the NHML (Monterosato, 1889), however Gofas (1982: 199) did not found it. Monterosato (1884h: 50) recorded "similar specimens" ["esemplari affini"] from Malta, where this species seems to be absent. Recorded by MolluscaBase (2018) as *Tricolia miniata* (Monterosato, 1884).

SUPERFAMILY SCISSURELLOIDEA
Family ANATOMIDAE

divaricatus, Schizotrochus [*Anatoma aspera* (Philippi, 1844)]
1890a: 143 [XXXVIIIa: 897]—available name
Type material. Not found
Type locality. Described from Palermo (Sicily).
Remarks. *Schizotrochus* Monterosato, 1877 (1877d: 416) is a junior synonym of *Anatoma* Woodward, 1859, sharing the same type species (*Scissurella crispata* Fleming, 1828, by monotypy for both the genera). Recorded by MolluscaBase (2018) as a synonym of *Anatoma aspera* (Philippi, 1844).

SUPERFAMILY SEGUENZIOIDEA
Family INCERTAE SEDIS

conspicuum, Cyclostrema [*Akritogyra conspicua* (Monterosato, 1880)] (Figures 2I, J)
1875b: 23 [XIII: 249]—nomen nudum

1878c: 80 [XIX: 394]—nomen nudum
1880c: 66 [XXVII: 550]—available name
Type material. MCZR–M–30002/L—1 sh (Lectotype) "C. conspicuum Monterosato Palermo Lectotipo A. Gaglini 19.12.1986" (Gaglini's handwriting)
MCZR–M–30002/P—1 sh + 95 sh + 3 sh (Paralectotypes) "Palermo!!"
Type locality. Palermo (Sicily).
Remarks. Now ascribed to the genus *Akritogyra* Warén 1992. Recorded by MolluscaBase (2018) as *Akritogyra conspicua* (Monterosato, 1880).

SUPERFAMILY TROCHOIDEA
Family SKENEIDAE

bithynoides, Cyclostrema (ex Jeffreys ms.) [*Lissomphalia bithynoides* (Monterosato, 1880 ex Jeffreys ms.)] (Figures 2K, L)
1875b: 250 [XIII: 250] sub *Trochus*—nomen nudum
1878c: 84 [XIX: 398]—nomen nudum
1880c: 66 [XXVII: 550]—available name
Type material. MCZR–M–11787—1 sh + frg "Trochus bithynoides ys. J.. ms. Porcupine" (Jeffreys's handwriting), "Cyclostrema bithynoides Jeffr. Ms (Trochus) Palermo!"
Type locality. Described from Palermo (Sicily).
Remarks. Recorded by MolluscaBase (2018) as *Lissomphalia bithynoides* (Monterosato, 1880).

catenoides, Cyclostrema [*Skenea catenoides* (Monterosato, 1877)] (Figures 2M, N)
1877d: 417, 2 figures [XVIII: 353]—available name
Type material. MCZR–M–11807—1 sh "Magnisi"// 6 sh "Magnisi (Sicilia)"// 1 sh "Ognina"// 3 sh "Mondello"// 6 sh "Cyclostrema catenoides Trapani da Allery". Label in the bottom: "Cyclostrema catenoides Monts Ann. Mus. Civi. Genova 1876—77, p. 11 (fig. nel testo)"
Type locality. Described from Palermo, Ognina, Magnisi, Trapani (Sicily), Pantelleria Is., and Civitavecchia, (Italy).
Remarks. Recorded by MolluscaBase (2018) as *Skenea catenoides* (Monterosato, 1877).

depressum, Cyclostrema [*Dikoleps depressa* (Monterosato, 1880)]
1878c: 80 [XIX: 394]—nomen nudum
1880c: 67 [XXVII: 551]—available name
Type material. MCZR–M–11782 [label only] "Cyclostrema depressum Monts n. sp. Pal. 1875, 200—280 m!".
Type locality. Described from Palermo (Sicily).
Remarks. The material figured by Gaglini (1987b: 6, figs 11, 12) from Palermo has not been found in the original box, where only the label remains. Recorded by MolluscaBase (2018) as *Dikoleps depressa* (Monterosato, 1880).

jeffreysii, Circulus [*Skeneoides jeffreysii* (Monterosato, 1872)] (Figures 2O, P)
1872b: 31 [VI: 113]—available name
Type material. MCZR–M–21809—8 sh "P" (Palermo) on the cork cap // 3 sh "T" (Trapani). Label on the bottom: "Circulus jeffreysii, n. sp." "Circulus jeffreysii Alleri ms. Pal. Trap. Magni. S. Vito" (Brugnone's handwriting).
Type locality. Described from Palermo and Trapani (Sicily).
Remarks. The species was transferred to the genus *Skeneoides* by Warén (1992). Recorded by MolluscaBase (2018) as *Skeneoides jeffreysii* (Monterosato, 1872).

Family TROCHIDAE

aequistriatus, Zizyphinus [*Jujubinus striatus* (Linnaeus, 1758)] (Figures 2Q, R)
1884a: 108 [XXXb: 612]—available name

Type material. MCZR–M–11688—45 sh "Tr. (Jujub.) aequistriatus Palermo!"// 8 sh "J. aequistriatus Monts detrito Mondello"
Type locality. Described from Palermo (Sicily), Taranto (Italy), and coasts of Provence (France).
Remarks. Recorded by MolluscaBase (2018) as a synonym of *Jujubinus striatus* (Linnaeus, 1758).

arenosa, Trochocochlea [*Phorcus articulatus* (Lamarck, 1822)] (Figures 2S, T)
1923: 7, unnumb. pl. figs 6–8 [LXVIII: 1312, 1319 figs 6–8]—available name
Type material. MCZR–M–11071—14 sh "Trochochlea nominata M. vide retro, copia Giorgi" (verso), "innominata! arenosa M. Faro 1922 Bengasi" (recto).
Type locality. Described from Benghazi (Libya) and Alexandria (Egypt).
Remarks. The shells are juveniles of *Phorcus articulatus* (Lamarck, 1822). Recorded by MolluscaBase (2018) as a synonym of *Phorcus articulatus* (Lamarck, 1822).

***aureus, Jujubinus* (?)** [*Clelandella miliaris* (Brocchi, 1814)] taxon inquirendum (Figures 2U, V)
1890a: 145 [XXXVIIIa: 899]—available name
Type material. MCZR–M–30003—2 sh "Z. (Granitrochus) aureus Monts ms. Palermo!! coll. Brugnone".
Type locality. Described from Palermo, and Ficarazzi † and Monte Pellegrino † (Sicily)
Remarks. Recorded by MolluscaBase (2018) as taxon inquirendum. We put it conservatively in the genus *Clelandella* [**new combination**], and in the synonymy of *Clelandella miliaris* (Brocchi, 1814) [**new synonymy]**. The alleged diagnostic features from the latter (slightly pronounced basal cord, finer and more numerous spiral threads, neatly convex whorls with rounded base) are probably not significant.

barbara, Gibbula [*Gibbula ardens* (Salis Marschlins, 1793)] (Figures 3A, B)
1884h: 40 [XXXI: 696]—available name
Type material. MCZR–M–11312—24 sh + 2 frg "Gibb. barbara Monts. spugne di Sfax"
Type locality. Described from coasts of Barberia (Tunisia).
Remarks. Name introduced to distinguish *Trochus fermonii* (Payraudeau) var. *elata* Scacchi sensu Monterosato (1880: 217). Recorded by MolluscaBase (2018) as a synonym of *Gibbula ardens* (Salis Marschlins, 1793).

***baudoni, Trochu*s** (ex H. Martin ms.) [*Jujubinus baudoni* (Monterosato, 1891 ex H. Martin ms] (Figures 3C, D)
1891a: 101 [XXXIXa: 933]—available name
Type material. MCZR–M–11725/L—1 sh (Lectotype) "J.(Ziziphinus) Baudoni, H. Martin = J. exasperatus var. minor rubra" "Trochus baudoni? Martin Paulille"
MCZR–M–11725/P—133 sh (Paralectotypes) "J.(Ziziphinus) Baudoni, H. Martin = J. exasperatus var. minor rubra" "Trochus baudoni? Martin Paulille"// 12 sh "J. Baudoni H. Martin ms. Depart. de l`Aude xxx. xxxxx [unreadable] Dautzenberg"// 20 sh "Jujubinus baudoni Martin Roussillon! (France)"
Type locality. Paulilles (France). Described from coasts of Provence (France).
Remarks. A valid species recently redescribed with lectotype designated (Mariottini *et al.*, 2013). The lot MCZR–M–11690 (20 sh "Tr. baudoni H. Martin var. incomparabilis Monts Pietranera Corsica") does not belong to the type material. Recorded by MolluscaBase (2018) as *Jujubinus baudoni* (Monterosato, 1891).

†brugnonei, Ampullotrochus [*Calliostoma brugnonei* (Monterosato, 1890)] (Figures 3E–G)
1890a: 145 [XXXVIIIa: 899]—available name
Type material. MCZR–M–11493—17 sh "Tr. granulatus Born var. leavis Brugnone Ficarazzi"
MCZR–M–11494—18 sh "Ficarazzi Ampullotrochus Brugnonei Monts…".
MCZR–M–11495—6 sh "di M^{e}. pel. tipi" "Troch. granulatus Born var. laevis. M. Pellegrino Ficarazzi" (Brugnone's handwriting with figure)
MCZR–M–11496—12 sh "A. granulatus foss. di Ficarazzi (Libassi)…."
Type locality. Not indicated. Material ex Brugnone coll. from Ficarazzi † and Monte Pellegrino † (Sicily)
Remarks. Name introduced for *Trochus granulatus var. laevis* Brugnone, 1873, considered a distinct species from *Trochus granulatus*. *Trochus laevis* Brugnone, 1873 is however homonym of *Trochus laevis* Dillwyn, 1817 (non Nilsson, 1827, nec W. Wood, 1828, nec G.B. Sowerby I in Darwin, 1846). Therefore, *Calliostoma brugnonei*

becomes the name for this taxon. Recorded by MolluscaBase (2018) as a synonym of *Calliostoma granulatum* (Born, 1778), but it represents a distinct fossil species diagnosed by the non-tuberculated spiral cords on the last whorls [**new status**].

conemenosi, Gibbula (ex Del Prete ms.) [*Steromphala adriatica* (Philippi, 1844)] (Figures 3H, I)
1888a: 172 [XXXIII: 834]—available name
Type material. MCZR–M–11320—6 sh "…Colliculus Conemenosi Monts. Del Prete" " Trochus Adansonii Payr. var. T. Adriaticus Ph. Missolongi"
Type locality. Described from Prèveza and Missolonghi (Greece).
Remarks. Recorded by MolluscaBase (2018) as a synonym of *Steromphala adansonii* (Payraudeau, 1826). However, the types belong to the species commonly called *S. adriatica* (Philippi, 1844) **[new synonymy].**

corallinus, Jujubinus [*Jujubinus corallinus* Monterosato, 1884] taxon inquirendum
1884h: 46 [XXXI: 702]—available name
Type material. Not found
Type locality. Described from the Mediterranean Sea.
Remarks. Recorded by MolluscaBase (2018) as a synonym of *Jujubinus exasperatus* (Pennant, 1777). Recent genetic data (CS, PM, MO *et al.* unpublished) showed it is a distinct species probably related to the nominal taxon *Jujubinus igneus* Sturany, 1886 (see Albano *et al.*, 2018: 30, fig. 2) [**new status**].

***cyrenaica, Gibbula* (*Phorculus*)** [*Steromphala adansonii* (Payraudeau, 1826)] (Figures 4A, B)
1923: 7, figs 4, 5 [LXVIII: 1312, 1319, figs 4, 5]—available name
Type material. MCZR–M–11267—3 sh "Gibbula Cyrenaica Monts. nov. Bengasi!!"
MCZR–M–11328—2 sh "Gibb. Cyrenaica, Monts Bengasi"
Typa locality. Described from Cyrenaica (Libya).
Remarks. Recorded by MolluscaBase (2018) as taxon inquirendum. The type material shows it is a synonym of *Steromphala adansonii* **[new synonymy]**.

demissus, Zizyphinus [*Calliostoma zizyphinum* (Linnaeus, 1758)] (Figures 4C, D)
1884h: 44 [XXXI: 700] as *Zyzyphinus conulus* var. *demissa*—nomen nudum
1889d: 78 [XXXVII: 888]—available name
Type material. MCZR–M–11617—1 sh "Algeri (Joly) (v. colorata)"// 1 sh "Z. demissus Monts vr. elevata et col. violaceo"
Type locality. Described from Algiers (Algeria).
Remarks. Recorded by MolluscaBase (2018) as a synonym of *Calliostoma zizyphinum* (Linnaeus, 1758).

denudata, Trochocochlea [*Phorcus articulatus* (Lamarck, 1822)] (Figures 4E, F)
1888: 180 [XXXIII: 842]—available name
Type material. MCZR–M–11133—7 sh "Troc. denudata, Monts da Tangeri (Marocco) da Ponsonby 1884 e 1885 e da Pallary, 1900" + 2 juv. "Tangeri", "Trochocochlea ? sp. Tanger 4 - Qu'en dites vous? Tanger" (Ponsonby's handwriting).
Type locality. Described from Cadiz (Spain) and Tangier (Morocco).
Remarks. Recorded by MolluscaBase (2018) as a synonym of *Phorcus lineatus* (da Costa, 1778). It is a synonym of *P. articulatus* (Lamarck, 1822) [**new synonymy**].

fraterculus, Trochus [*Jujubinus fraterculus* (Monterosato, 1880)] (Figures 4G, H)
1878c: 82 [XIX: 396]—nomen nudum
1880b: 220 [XXVI: 518]—available name
Type material. MCZR–M–11705—8 sh "Monotrochus fraterculus Monts Spugne di Sfax!"// 26 sh "M. fraterculus Monts (Zizyph.), Boll. malac. Ital. 1880 p. 220 Spugne di Sfax"// 2 sh "Golfo di Gabes"// 6 sh "Sfax"
Type locality. Described from Tunisia.
Remarks. Recorded by MolluscaBase (2018) as taxon inquirendum. We consider it as a valid species [**new status**]

granolirata, Clanculopsis [*Clanculus jussieui* (Payraudeau, 1826)] taxon inquirendum (Figures 4I, J)
1889c: 30 [XXXV: 862]—available name
Type material. MCZR–M–10935—4 sh + 5 juv. + 3 frg "Cl. granolirata Monts. ms. Casablanca Marocco"// 2 sh "Clanculopsis nova sp. Casablanca Marocco".
Type locality. Described from Casablanca (Morocco).
Remarks. Not recorded by MolluscaBase (2018). Monterosato compared his *Clanculopsis granolirata* to *Monodonta glomus* Philippi, 1844: 157, that MolluscaBase (2018) also lists in the synonymy of *Clanculus jussieui* (Payraudeau, 1826). Gofas (2017) suggested that specimens from Southern Spain (Gofas *et al.* 2011: 106) corresponding to *Clanculus granoliratus*, based on their stronger cords than *C. jussieui*, could represent a different species. We would keep it under *C. jussieui*, but as taxon inquirendum [**new status**].

isseli, Gibbula [*Gibbula racketti* (Payraudeau, 1826)] taxon inquiriendum (Figures 5A, B)
1888a: 175 [XXXIV: 837]—available name
Type material. MCZR–M–11304—2 sh "G. (Phorculus) Isseli, Monts. Boll. Mal. Ital. 1889 p. 174" "Santo Stefano pr. Costantinop. (Issel as Tr. tumidus)"
Type locality. Described from Istanbul (Turkey).
Remarks. Recorded by MolluscaBase (2018) as a synonym of *Gibbula racketti* (Payraudeau, 1826). We include with some doubts *G. isseli* in the synonymy of *G. racketti* following the currently accepted interpretation (MolluscaBase 2018). However, some peculiar features, such as the narrower umbilical chink and the monochrome whitish colour may prove diagnostic at the species level.

laeviusculus, Jujubinus **(?)** [*Jujubinus laeviusculus* Monterosato, 1890] taxon inquirendum
1890a: 145 [XXXVIII a: 899]—available name
Type material. Not found
Type locality. Not indicated. Probably Palermo (Sicily) [found with *G. tantilla* (1890a: 145)].
Remarks. Recorded by MolluscaBase (2018) as taxon inquirendum.

latior, Trochus [*Steromphala umbilicaris* (Linnaeus, 1758)] (Figures 5C–E)
1878c: 81 [XIX: 395]—nomen nudum
1880b: 218 [XXVI: 516]—available name
Type material. MCZR–M–11306—5 sh "G. latior Monts. Spugne di Sfax"// 5 sh "G. latior Sousse Tunisie"// 13 sh "G. latior, Monts var. ornatissima C. di Barb."// 4 sh "G. latior var. albina coste di Barberia"// 1 sh "G. latior delle spugne" " Tr. latior Monts. Bull. Mal. Ital. 1880, p. 219"
MCZR–M–11307—26 sh "Gibb. latior Monts. var. latior Spugne di Barberia"
Type locality. Described from coasts of Barberia (Tunisia).
Remarks. Name proposed for *Trochus umbilicaris* var. *patula* Monterosato, 1875 (nomen nudum), thereafter (1880b: 218) also accompanied by a description. Recorded by MolluscaBase (2018) as a synonym of *Steromphala umbilicaris* (Linnaeus, 1758).

linnaei, Zizyphinus [*Calliostoma zizyphinum* (Linnaeus, 1758)] (Figures 5F, G)
1884h: 44 [XXXI: 700]—nomen nudum
1889b: 77 [XXXVII: 887]—available name
Type material. MCZR–M–11535—6 sh "Z. linnaei Monts = Z. zizyphinus (L.) auct. var dilatata Monts. in Extr. Boll. Malac. Ital. 1888—89 p. 23"
MCZR–M–11543—14 sh with 3 labels in the box: "Trocus conulus L. var. dilatatus sen. Troch. zizyphinus Paler." (Brugnone's handwriting), "Trochus conulus var. zizyphinus Philip. Messina" "Trocus conulus var. violaceus Palermo"
Type locality. Described from Palermo (Sicily) and other unspecified localities in the Mediterranean.
Remarks. Recorded by MolluscaBase (2018) as a synonym of *Calliostoma zizyphinum* (Linnaeus, 1758).

lissus, Zizyphinus [*Calliostoma zizyphinum* (Linnaeus, 1758)] (Figures 5H, I)
1889b: 78 [XXXVII: 888]—available name

Type material. MCZR–M–11578—3 sh "Trochus (Zizyphinus) zizyphinus Lin. var. laevigata Mari d'Inghilterra!"
Type locality. Described from Seas of England.
Remarks. Recorded by MolluscaBase (2018) as taxon inquirendum. Name proposed for *Trochus laevigatus* Gmelin, 1791 sensu Sowerby and other British Authors, considered as a distinct species, and utilized to distinguish the Atlantic specimens from the Mediterranean ones of *Trochus zizyphinus* Linnaeus, 1758. We therefore keep it in the synonymy of *Calliostoma zizyphinum* (Linnaeus, 1758) [**new synonymy**], pending a revision of the group to assess the status of the Mediterranean v. Atlantic populations.

retusa, Trochocochlea [*Phorcus articulatus* (Lamarck, 1822)] (Figures 6A, B)
1888a: 180 [XXXIII: 842]—available name
Type material. MCZR–M–11122—10 sh + 3 juv. "Tr. retusa Porto Maurizio d. Sulliotti 1884 =? Ph. striatus Risso"
Type locality. Described from Porto Maurizio, Livorno, Chioggia and Trieste (Italy).
Remarks. Recorded by MolluscaBase (2018) as taxon inquirendum. It is a synonym of *Phorcus articulatus* (Lamarck, 1822) **[new synonymy]**.

rotella, Gibbula [*Steromphala nivosa* (A. Adams, 1853)] (Figures 6C, D)
1888a: 173 [XXXIII: 835]—available name
Type material. MCZR–M–11303—16 sh + 1 juv. "G. rotella, n. sp. Monts Malta (Caruana)"
Type locality. Described from Malta.
Remarks. Recorded by MolluscaBase (2018) as a synonym of *Steromphala nivosa* (Adams, 1851) (Smriglio *et al.*, 1991).

smaragdinus, Trochus [*Jujubinus striatus* (Linnaeus, 1758)] (Figures 6E, F)
1872b: 32 [VI: 114] as *Trochus striatus* var. *smaragdina*—nomen nudum
1875b: 24 [XIII: 250] as *Trochus striatus* var. *smaragdina*—nomen nudum
1878c: 82 [XIX: 396] as *Trochus striatus* var. *smaragdina*—nomen nudum
1880b: 220 [XXVI: 518] as *Trochus striatus* var. *smaragdina*—available name
Type material. MCZR–M–11700—7 sh "Mirulinus smaragdinus Monts. Sfax"// 155 sh "Jujubinus smaragdinus C. d'Africa"// 4 sh "Jujubinus smaragdinus Monts. Coste d'Africa" Label in the box: "T. (Zizyphinus) striatus, Lin. var. smaragdina, Monts Boll. M. Ital. 1880, p. 220. C. D'Afr.!"
Type locality. Described from coasts of Africa (Tunisia).
Remarks. Raised to species level by Monterosato (1884h: 46) and there made available from its first description (1880b). Recorded by MolluscaBase (2018) as a synonym of *Jujubinus striatus* (Linnaeus, 1758). It is probably a valid species.

subcincta, Gibbula [*Gibbula ardens* (Salis Marschlins, 1793)] (Figures 6G, H)
1880b: 217 [XXVI: 515]—available name as *Trochus succinctus*
1888a: 171 [XXXIII: 833]—available name
Type material. MCZR–M–11358—4 sh "Gibbula subcincta Monts Spugne di Sfax!" "T. (Gibbula) succinctus, Monts n. sp. C. di Barbaria"// 14 sh "T. (Gibbula) succinctus Monts Boll. Mal. Ital 1880, p. 217 C. d`Africa!"
Type locality. Described from coasts of Barberia (Tunisia) and Palermo (Sicily).
Remarks. Nomen novum pro *Trochus succinctus* Monterosato, 1880 (name emended by the Author) non *Gibbula succincta* Carpenter, 1864. Recorded by MolluscaBase (2018) as a synonym of *Gibbula ardens* (Salis Marschlins, 1793).

sulliottii, Gibbula [*Steromphala adansonii* (Payraudeau, 1826)] (Figures 7A, B)
1888a: 174 [XXXIII: 836]—available name
Type material. MCZR–M–11363—2 sh "G. Sulliotti Messina"// 10 sh "G. Sulliotti Messina juv."
Type locality. Described from Messina (Sicily) and Taranto (Italy).
Remarks. Recorded by MolluscaBase (2018) as a synonym (a depauperated lagoon form) of *Steromphala adansoni* (Payraudeau, 1826) (Smriglio *et al.*, 1991).

tantilla, Gibbula [*Gibbula tantilla* Monterosato, 1890] (Figures 7C, D)
1890a: 144 [XXXVIIIa: 898]—available name
Type material. MCZR–M–11269/L—1 sh (Lectotype) "Gibbula tantilla Monts" Back of the label: "n. sp. Palermo 1886", selected by Smriglio *et al.* (1991).
MCZR–M–11269/P—27 sh (Paralectotypes) "Gibbula tantilla Monts." Back of the label: "n. sp. Palermo 1886"
MCZR–M–11312/P—3 sh (Paralectotypes) "Pal. 1886"// 5 sh (Paralectotypes) "Strigosella tantilla Monts Palermo fonds boueux 300 m. communication"
Type locality. Palermo (Sicily).
Remarks. Recorded by MolluscaBase (2018) as *Gibbula tantilla* Monterosato, 1890.

trivialis, Trochocochlea [*Phorcus articulatus* (Lamarck, 1822)] (Figures 7E, F)
1888a: 179 [XXXIII: 841]—as T. *articulata* var. *trivialis*—available name
1900: 399 [LI: 1143]—as *Trochocochlea trivialis*—raised to species level
Type material. MCZR–M–11064—2 sh "Troch. trivialis, Monts Livorno! dedit Dr. Del Prete 1884"
Type locality. Described from Sète, Marseille (France), Portoferraio, Napoli, Livorno (Italy), Algiers (Algeria), Larnaka (Cyprus).
Remarks. Raised to species level by Monterosato (1900: 399) and there made available from its introduction. Recorded by MolluscaBase (2018) as a synonym of *Phorcus articulatus* (Lamarck, 1822).

vimontiae, Gibbula [*Gibbula vimontiae* Monterosato, 1884] (Figures 7G–I)
1884a: 106 [XXXb: 610]—available name
Type material. MCZR–M–11282/L—1 sh (Lectotype) "C. di Provenza (Sollier)";
MCZR–M–11282/P—2 sh (Paralectotypes) "C. di Provenza (Sollier)"// 3 sh (Paralectotypes) "Bona Hagenm."// 1 sh (Paralectotype) "Mondello"// 7 sh (Paralectotypes) "C. di Prov."// 2 sh (Peralectotypes) "Villefranche"// 2 sh (Paralectotypes) "Margarita..? adeorbis..? je l'avais xxxx [unreadable] pulchella" "Prof. H. Martin"// 8 sh (Paralectotypes) "G. vimontiae n. sp. Monts Toulon (M.me Vimont)"// 1 sh (Paralectotype) "Toulon (Vimont)"// 1 sh (Paralectotype) "G. vimontiae Trapani!!". Label on the bottom: "Gibbula vimontiae Monts. ms varie località"
Type locality. Coasts of Provence (France). Described also from Bona (Algeria), Mondello and Trapani (Sicily).
Remarks. Part of the type material was studied by Smriglio *et al.* (1991) who designated the lectotype. Additional paralectotypes have been retrieved in this revision. The five shells from "Porto Corallo Corsica" in the lot MCZR–M–11282/P stated as paralectotypes by Smriglio *et al.* (1991) were in fact not part of the type series. Recorded by MolluscaBase (2018) as *Gibbula vimontiae* Monterosato, 1884.

SUBCLASS CAENOGASTROPODA
SUPERFAMILY CERITHIOIDEA
Family CERITHIIDAE

†***antevulgatum, Pliocerithium*** [*Pliocerithium antevulgatum* Monterosato, 1910] taxon inquirendum
1910: 68, pl. I, fig. 2 [LIX: 1196, 1205, fig. 2]—available name
Type material. Not found.
Type locality. Described from Altavilla † and Cannamasca † (Sicily), and unprecised localities in Tuscany † (Italy).
Remarks. Recorded by MolluscaBase (2018) as taxon inquirendum. It may represent a distinct fossil species.

argutum, Drillocerithium [*Cerithium protractum* Ant. Bivona in And. Bivona, 1838] (Figures 8A, B)
1910: 73, pl. I, fig. 13 [LIX: 1201, 1205, fig. 13]—available name
Type material. MCZR–M–8881—2 sh "Drillocerithium argutum Monts Dalmazia! (Sandri)"
Type locality. Described from Adriatic Sea.
Remarks. Recorded by MolluscaBase (2018) as a synonym of *Cerithium protractum* Ant. Bivona in And. Bivona, 1838.

bellicosum, Lithocerithium [*Cerithium lividulum* Risso, 1826]
1917: 19 [LXVII: 1293]—available name
Type material. Not found
Type locality. Described from Tripoli (Libya) and Egypt.
Remarks. A figure in Pallary (1912: pl. XV, fig. 46) is also referred to, and might be considered as part of the type material. Recorded by MolluscaBase (2018) and Gofas *et al.* (2004) as a synonym of *Cerithium lividulum* Risso, 1826.

clavulum, Hirtocerithium [*Hirtocerithium clavulum* Monterosato, 1917] taxon inquirendum (Figures 8C, D)
1917: 19, Additions to pl. I, fig. 35 [LXVII: 1293, 1303, fig. 35]—available name
Type material. MCZR–M–8801—8 + 2 sh "Hirtocerithium clavulum Monts. Bu. Hamaq! Tripolit. Leg. Dr. Crema 1914"// 1 sh "Tripoli"// 1 sh "Adjim" "Clavulum di Bu Hamaq (Crema)".
Type locality. Described from Bu-Kemmasc (Libya)
Remarks. Recorded by MolluscaBase (2018) as taxon inquirendum. The type material belongs to the *Cerithium vulgatum*–complex.

delphinum, Drillocerithium [*Cerithium protractum* Ant. Bivona in And. Bivona, 1838] (Figures 8E, F)
1910: 73, pl. I, fig. 14 [LIX: 1201, 1205, fig. 14]—available name
Type material. MCZR–M–8957—3 sh "Drillocerithium delphinium Monts. Palermo! Coll. Brugnone"
MCZR–M–8869—2 sh "Drillocerithium delphinum Monts. Coste di Provenza"
MCZR–M–8880—1 sh "Cerithium delphinum M."// 4 sh "Drillocerithium delphinium Monts. Palermo!"
Type locality. Described from Palermo (Sicily), coasts of Provence (France)
Remarks. Recorded by MolluscaBase (2018) as a synonym of *Cerithium protractum* Ant. Bivona in And. Bivona, 1838.

†***diblasii, Thericium*** [*Cerithium diblasii* (Monterosato, 1910)] taxon inquirendum (Figures 8G, H)
1890b: 163 [XXXVIIIb: 911]—nomen nudum
1891c: 4 [XL: 948]—nomen nudum
1910: 72, pl. I, fig. 12 [LIX: 1200, 1205, fig. 12]—available name
Type material. MCZR–M–8646—1 sh "C. Di Blasii Monts, M.^{e} Pellegrino. Types".
Type locality. Described from Monte Pellegrino † (Italy).
Remarks. Monterosato stated he had deposited a sample so named also in the Geological Museum of Palermo (which should also be part of the type material). Recorded by MolluscaBase (2018) as taxon inquirendum. It may represent a distinct fossil species.

†***directum, Gladiocerithium*** [*Cerithium alucastrum* (Brocchi, 1814] (Figures 8I, J)
1910: 70, pl. I, fig. 3 [LIX: 1198, 1205, fig. 3]—available name
Type material. MCZR–M–8650—13 sh "Cerithium directum Monts. M.^{e} Pellegrino!"
Type locality. Described from Monte Pellegrino † (Italy).
Remarks. Recorded by MolluscaBase (2018) as a a synonym of *Cerithium alucastrum* (Brocchi, 1814), which is convincing based on the large size (>80 mm), the spiral sculpture (c. 20 flat spiral cords separated by shallow grooves), the slender outline, the coloration (light background with sparse darker blotches).

exiguum, Cerithiolum [*Bittium reticulatum* (da Costa, 1778)] (Figures 8K, L)
1875b: 37 [XIII: 263]—*Cerithium reticulatum* var. *exigua*—nomen nudum
1878c: 98 [XIX: 412]—*Cerithiolum scabrum* var. *exigua*—nomen nudum
1880b: 225 [XXVI: 523]—*Cerithiolum scabrum* var. *exigua* available name
Type material. MCZR–M–30004—3 sh "B. exiguum di Sfax" // 7 sh "Bittium exiguum Monts Sfax".
MCZR–M–21076—849 sh "Bittium exiguum M. non B. exile Eich Sfax".
Type locality. Described from coasts of Syria (but referring to coasts of Africa: see **Remarks.**).
Remarks. The very brief description is anyway sufficient to make the name available from 1880. More detailed is the subsequent description (Monterosato 1884h: 778) where it is raised to species. It is noteworthy the frequent

confusion (1880b: 225) of "Coste di Siria" (coasts of Syria=Lebanon) pro "Coste d'Africa" (=Mediterranean coasts of northern Africa), which has caused some problems with other species. Recorded by MolluscaBase (2018) as a synonym of *Bittium reticulatum* (da Costa, 1778).

exulceratum, Hirtocerithium [*Cerithium repandum* Monterosato, 1880]
1917: 19, pl. I, figs 16a, 16b [LXVII: 1293, figs 16a, 16b]—available name
Type material. Not found.
Type locality. Described from coasts of Tripolitania, Sfax and other localities of Tunisia.
Remarks. Recorded by MolluscaBase (2018) as taxon inquirendum. The type material has not been found; however, the specimen figured by Monterosato (1917: 19, pl. I, figs 16a, 16b) is concordant with forms of *C. repandum* known from the Gulf of Gabès **[new synonymy]**.

fartulum, Hirtocerithium [*Cerithium lividulum* Risso, 1826] (Figures 8M, N)
1923: 9, figs 10, 11 [LXVIII: 1314, 1319, figs 10, 11]—available name
Type material. MCZR–M–20964—4 + 1 sh "Hirtocerithium fartula Monts. Bengasi Africa" Monterosato coll. ex Beltrani coll.
Type locality. Described from Benghazi (Libya).
Remarks. Recorded by MolluscaBase (2018) as a synonym of *Cerithium lividulum* Risso, 1826. Gofas *et al.* (2004: 101, figs 7C, D) figured one of three probable syntypes from Benghazi ex coll. Vignal (MNHN), which may well represent spiny morph of *C. lividulum.*

†***femoratum, Gladiocerithium*** [*Cerithium alucastrum* (Brocchi, 1814)]
1910: 71, pl. I, fig. 6 [LIX: 1199, 1205, fig. 6]—available name
Type material. Not found.
Type locality. Described from Sperlinga †, Oreto †, Ficarazzi † and Caltagirone † (Sicily).
Remarks. Recorded by MolluscaBase (2018) as a synonym of *Cerithium alucastrum* (Brocchi, 1814).

grossularium, Hirtocerithium (ex Pallary ms.) [*Cerithium lividulum* Risso, 1826] (Figures 8O, P)
1917: 19, pl. I, figs 18, 19 [LXVII: 1293, 1305, figs 18, 19]—available name
Type material. MCZR–M–20942—4 sh "C. grossularium Monts. Tripoli (Pallary)" "C. grossularium Monts. Ms in Pallary—Moll. Rada Tripoli 1906".
Type locality. Described from Tripoli (Libya).
Remarks. Recorded by MolluscaBase (2018) as taxon inquirendum. The type material belongs to *Cerithium lividulum* Risso, 1826 [**new synonymy**].

hanleyanum Bittium [*Bittium simplex* (Jeffreys, 1867)] (Figures 8Q, R)
1889c: 39 [XXXV: 871]—available name
Type material. MCZR–M–21061—3 sh "Cerithium? Coll: Hanl: Mogador" (recto), "et Casa Blanca Ponsonby" (verso)
Type locality. Described from Tangier, Mogador (Morocco).
Remarks. Recorded by MolluscaBase (2018) as a synonym of *Bittium simplex* (Jeffreys, 1867).

†***holothurium, Pliocerithium*** [*Cerithium holothurium* (Monterosato, 1910)] taxon inquirendum (Figures 8S–U)
1910: 67, pl. I. fig. 1 [LIX: 1195, 1205, fig. 1]—available name
Type material. MCZR–M–8649—15 sh "Pliocerithium holothurium Monts. Not. Cerith. 1910 p. 67, f. 1 Cannamasca!".
Type locality. Described from Altavilla † and Cannamasca † (Sicily).
Remarks. Recorded by MolluscaBase (2018) as taxon inquirendum. It may represent a distinct fossil species.

inscriptum, Cerithium [*Cerithium repandum* Monterosato, 1880] (Figures 9A, B)
1884h: 119 [XXXI: 775]—available name
Type material. MCZR–M–8949—12 + 2 juv. "Cerith. inscriptum Monts. Nomencl. gen. e sp. p. 119"// 4 sh

"spugne di Sfax"// 12 sh "spugne di Sfax"// 1 sh "Cerithium inscriptum Monts. 1884 C. di Barberia"
Type locality. Described from coasts of Barberia (Tunisia).
Remarks. Recorded as a synonym of *Cerithium vulgatum* Bruguière, 1792 by MolluscaBase (2018), but the type material suggests it is instead a synonym of *Cerithium repandum* [**new synonymy]** (see also Evangelisti *et al.*, 2016; Garilli *et al.*, 2017).

limatum, Cerithium [*Cerithium lividulum* Risso, 1826] (Figures 9C, D)
1900: 401 [LI: 1145]—available name
Type material. MCZR–M–20791—15 sh "C. (Pithoc.) limatum Monts. Jour. Conch. 1899 p. 401".
Type locality. Described from Larnaka (Cyprus), Saïda (Lebanon) and Jaffa (Israel).
Remarks. Recorded by MolluscaBase (2018) as taxon inquirendum. The type material belongs to *Cerithium lividulum* Risso, 1826 [**new synonymy**].

†***manustriatum, Gladiocerithium*** [*Cerithium alucastrum* (Brocchi, 1814)] (Figures 9E, F)
1910: 71, pl. I, fig. 7 [LIX: 1199, 1205, fig. 7]—available name
Type material. MCZR–M–8648—1 sh "Gladiocerithium manustriatum di Uditore".
Type locality. Described from Uditore † (Sicily).
Remarks. Name introduced by means of a figure (no description). Recorded by MolluscaBase (2018) as taxon inquirendum. The type material belongs to *Cerithium alucastrum* (Brocchi, 1814)] [**new synonymy**].

manuscriptum, Hirtocerithium [*Hirtocerithium manuscriptum* Monterosato, 1917] taxon inquirendum (Figures 9G, H)
1917: 18, pl. I, fig. 17 [LXVII: 1292, 1305, fig. 17]—available name
Type material. MCZR–M–8796—3 sh "Djerba"// 7 sh "Hirtocerithium manuscriptum Monts. di Dierba e località vicine leg. Pallary"
MCZR–M–20982—4 sh "C. manuscriptum Monts. Djerba! Sur le plages" + label by Beltrani "C. manuscriptum Monts. Is. Djerba P. Gabes Tunisia sulla spiaggia".
Type locality. Described from Tunisia.
Remarks. Recorded by MolluscaBase (2018) as taxon inquirendum. The type material belongs to the *Cerithium vulgatum*–complex.

marosticum, Drillocerithium [*Cerithium vulgatum*–complex] taxon inquirendum (Figures 9I, J)
1910: 73, pl. I, fig. 15 [LIX: 1201, 1205, fig. 15]—available name
Type material. MCZR–M–8861—1 sh "Drillocerith. marosticum Monts. S. Nicola Isole Tremiti (Adr.) sulla spiaggia"// 3 sh "C. di S. Nicola Isole Tremiti (Adr.) 1906 legit Cecconi"
Type locality. Described from S. Nicola Is. (Italy).
Remarks. Recorded as a synonym of *Cerithium protractum* Ant. Bivona in And. Bivona, 1838 by MolluscaBase (2018). Based on the examined type shells it belongs rather in the *Cerithium vulgatum*–complex [**new status**].

monterosati, Cerithium (ex Brusina ms.) [*Cerithium renovatum* Monterosato, 1884] (Figures 9K, L)
1900: 400 [LI: 1144]—available name
Type material. MCZR– M–8928—1 sh + 1 frg "renovatum M. Kerinia (Cipro) Cecc. [= Cecconi] 1899" // 4 sh "C. monterosatoi Brus. Dalm." ex Brusina // 3 sh "C. monterosati Brus. Dalmazia dedit Prof. Xxxx [unreadable] ex Coll Stalio"
Type locality. Described from Kérinia (Cyprus), Sicily (ex. Philippi) and 'Dalmatia' (ex Brusina).
Remarks. Recorded by MolluscaBase (2018) as taxon inquirendum. Taxon introduced for *Cerithium minutum* de Serres, 1828 sensu Philippi, 1836, considered as a distinct species. Type material probably also in Philippi's collection. The material from Cyprus belongs to *Cerithium renovatum* Monterosato, 1884 [**new synonymy**]. However, the samples from Dalmatia may belong to another species (*C. lividulum*?) confirming the problems in the morphological classification of these species (e.g. Garilli & Galletti, 2006).

†***opinatum, Drillocerithium*** [*Cerithium protractum* Ant. Bivona in And. Bivona, 1838] (Figures 9M, N)
1910: 72, pl. I, fig. 10 [LIX: 1200, 1205, fig. 10]—available name

Type material. MCZR–M–30005—2 sh "Drillocerith. opinatum M. fig. 10, p 72 1910—Pal. Foss. di Nizzeti".
Type locality. Described from Nizzeti † (Sicily).
Remarks. Recorded by MolluscaBase (2018) as taxon inquirendum. The type material belongs to *Cerithium protractum* Ant. Bivona in And. Bivona, 1838 [**new synonymy**].

†plicornatum, Gladiocerithium [*Cerithium alucastrum* (Brocchi, 1814)] (Figures 9O, P)
1910: 71, pl. I, fig. 4 [LIX: 1199, 1205, fig. 4]—available name
Type material. MCZR–M–8644—4 sh "Gladiocerithium plicornatum, Monts. Sperlinga! Palermo"
Type locality. Described from Sperlinga † (Sicily).
Remarks. Recorded as a synonym of *Cerithium alucastrum* (Brocchi, 1814) by Garilli *et al.* (2017) and MolluscaBase (2018). However, this Pliocene form does not fully correspond to the Recent *C. alucastrum*. We keep it in the synonymy of Brocchi's species, but urge a revision of this complex that may include more species.

prismaticum, Gladiocerithium [*Cerithium alucastrum* (Brocchi, 1814)]
1910: 70, pl. I, figs 8, 9 [LIX: 1198, 1205, figs 8, 9]—available name
Type material. Not found
Type locality. Described from Valencia (Spain) and Ficarazzi † (Sicily).
Remarks. Recorded as a synonym of *Cerithium alucastrum* (Brocchi, 1814) by Garilli *et al.* (2017) and MolluscaBase (2018). However, the two shells figured (in photos) by Monterosato do not fully correspond to the specimen figured as *Cerithium alucastrum* (Brocchi, 1814) by Garilli *et al.* (2017: 7, fig. 4F), and reported as a "shell conforming to *Gladiocerithium prismaticum* Monterosato, 1910".

†pugioniferum, Hirtocerithium [*Cerithium vulgatum* Bruguière, 1792] (Figures 9Q, R)
1910: 74, pl. I, fig. 18) [LIX: 1202, 1205, fig. 18]—available name
Type material. MCZR–M–8664—3 sh "Hirtocerith. pugioniferum Monts, quatern. Di Larnaca (Cipro), tipi figurati in Conchiologia, note Cerith. viv. e foss. Pal. 1910, p. 74 t. I, f. 18"
Type locality. Described from Larnaca † (Cyprus).
Remarks. Name introduced by means of a figure (description lacking). Recorded by MolluscaBase (2018) as a synonym of *Cerithium vulgatum* Bruguière, 1792.

renovatum, Cerithium [*Cerithium renovatum* Monterosato, 1884]
1884h: 120 [XXXI: 776]—available name
Type material. Type material in Philippi's collection: lectotype and one paralectotype in ZMHU (Gofas, Garilli & Boisselier–Dubayle, 2004: 100).
Type locality. Sicily.
Remarks. Nomen novum pro *Cerithium vulgatum* var. *pulchella* Philippi, 1836, which—once raised to species level—becomes homonym of *Cerithium pulchellum* Dujardin, 1837. Recorded by MolluscaBase (2018) as *Cerithium renovatum* Monterosato, 1884.

repandum, Cerithium [*Cerithium repandum* Monterosato, 1880] (Figures 9S, T)
1878c: 97 [XIX: 411]—such as *Cerithium vulgatum* var. *repanda*—nomen nudum
1880b: 225 [XXXI: 523]—such as *Cerithium vulgatum* var. *repanda* Monts.—available name
Type material. MCZR–M–8831—2 sh "C. repandum forme di Sfax!!"// 2 sh "Cerithium repandum Monts vr. di Sfax!!"// 1 sh "Tunis"
MCZR–M–8958—1 sh "Cerithium vulgatum (Brug. V. Repanda Monterosato Barberia eponges"// 1 sh "Cerith. vulgatum Brug var. 4 milles a l'est de Ras Dimas (Tunisie)"
Other material. MCZR–M–8675—4 + 4 juv. sh "C. repandum var. sulfurea Monts C. d'Africa"
Type locality. Described from coasts of Africa (Tunisia).
Remarks. Recorded by MolluscaBase (2018) as a synonym of *Cerithium vulgatum* Bruguière, 1792. However, Cecalupo *et al.* (2008), Evangelisti *et al.* (2016) and Garilli *et al.* (2017) considered it as a distinct species, a position that we share.

residuum, Bittium [*Bittium residuum* Monterosato, 1917] taxon inquirendum (Figures 9U, V)
1917: 19, pl. I, fig. 20 [LXVII: 1293, 1305, fig. 20]—available name
Type material. MCZR–M–30006—6 sh "Bittium residuum Monts. Tripoli!!"
Type locality. Described from coasts of Tripolitania (Libya).
Remarks. Recorded by MolluscaBase (2018) as taxon inquirendum. The type material does not allow to classify it with certainty.

†***syrthicum, Hirtocerithium*** [*Cerithium lividulum* Risso, 1826] (Figures 9W–Y)
1917: 18, pl. I, fig. 13 [LXVII: 1292, 1305, fig. 13]—available name
Type material. MCZR–M–8835—13 sh "Hirtocerithium syrthicum Monts Quaternario di Mengùb (?) Tripolit, Leg. Dr. Crema, 1914"
Type locality. Described from Mengùb †, Zuara (Libya).
Remarks. Recorded by MolluscaBase (2018) as taxon inquirendum. The type material belongs to *Cerithium lividulum* Risso, 1826 [**new synonymy**].

†***vulneratum, Gladiocerithium*** [*Cerithium alucastrum* (Brocchi, 1814)] (Figures 9Z)
1910: 71, pl. I, figs 5, 5a [LIX: 1199, 1205, figs 5, 5a]—available name
Type material. MCZR–M–8645—13 sh + 1 frg "Cerithium (Gladiocerithium) vulneratum Monts M^{e}. Pellegrino!"
Type locality. Described from Monte Pellegrino † and Castrovillari † (Sicily).
Remarks. Recorded by MolluscaBase (2018) as a synonym of *Cerithium alucastrum* (Brocchi, 1814).

Family TURRITELLIDAE

britannica, Turritella [*Turritella communis* Risso, 1826] (Figures 10A, B)
1890a: 148 [XXXVIIIa: 902]—available name
Type material. MCZR–M–21397—4 sh "Turr. britannica Monts type d'Angleterre" "Turr. Britannica Monts Nat. Sic. 1890"
MCZR–M–21329—4 sh "Turr. britannica, Monts Britain!"// 1 sh "Turr. britannica, Monts England!!"
The figures in Sowerby (1859: pl. XV, fig. 1) and in the *British Conchology* (Jeffreys, 1867: pl. II, fig. 1), are part of the type material.
Type locality. Described from Great Britain.
Remarks. Introduced to distinguish the British forms of *Turritella communis* Risso, 1826 from the Mediterranean one. The introduction consisted in a bibliographic reference to figures in Sowerby (1859: pl. XV, fig. 1) and in the *British Conchology* (Jeffreys, 1867 [1862–1869]: pl. II, fig. 1), an indication in the sense of ICZN (1999: art. 12.2.1). Recorded by MolluscaBase (2018) as a synonym of *Turritella communis* Risso, 1826.

decipiens, Turritella [*Turritella decipiens* Monterosato, 1878] (Figures 10C, D)
1878c: 89 [LIV: 403]—available name
Type material. MCZR–M–21434—7 sh "Turritella decipiens Monts, Eponges de Barberia"// 17 sh "Turritella decipiens Monts, Sfax"// 9 sh "Turritella decipiens Sfax"// 4 sh "Turr. decipiens Monts Spugne di Sfax" // 5 sh "Turritella decipiens Monts, Spugne di Barberia"// 5 sh "Turr. decipiens M. Spugne"
Type locality. Described from coasts of Syria (see Remarks) and Algeria.
Remarks. Redescribed by Di Geronimo (1974). Another case of confusion with "Coste di Siria" pro "Coste d'Africa". Recorded by MolluscaBase (2018) as *Turritella decipiens* Monterosato, 1878.

mediterranea, Turritella [*Turritella turbona* Monterosato, 1877] (Figures 10E, F)
1890a: 148 [XXXVIIIa: 902]—available name
Type material. MCZR–M–21361—8 sh "Turritella mediterranea Monts. Napoli—Palermo DP. Poc."// 1 sh "Turritella mediterranea Monts. Palermo!"
Other material. MCZR–M–21391—1 sh "T. Mediterranea v. elata M. Catania"

MCZR–M–21402—4 sh "Turr. medit. var. stricta M. Capri!"
Type locality. Described from Mediterranean ("nostri mari").
Remarks. Monterosato (1890a: 148, 149) introduced *T. mediterranea* as the correct name for the Recent species erroneously identified by his contemporaries as "*Turritella triplicata* Brocchi, 1814", the latter being a Tertiary fossil species. Recorded by MolluscaBase (2018) as a synonym of *Turritella communis* Risso, 1826, which is clearly wrong. Although the possibility that it represents a fourth distinct species in the Mediterranean (as held by e.g. Parenzan, 1970) is worthy of further testing (ideally by genetic data), we adopt the conservative position of including *T. mediterranea* in the synonymy of *T. turbona* Monterosato, 1877 [**new synonymy**].

†***planulata, Turritella*** [*Turritella planulata* Monterosato, 1891] taxon inquirendum
1891b: 121 [XL: 937]—available name
Type material. Not found
Type locality. Described from Santa Flavia † (Sicily).
Remarks. A name introduced with a description in a work on the Quaternary fossil shells of Santa Flavia, near Altavilla (Sicily), to distinguish a species similar to *T. triplicata* Brocchi, 1814, but thinner and with flatter whorls. Recorded by MolluscaBase (2018) as taxon inquirendum. It may represent a distinct fossil species.

turbona, Turritella [*Turritella turbona* Monterosato, 1877] (Figures 10G, H)
1877d: 420, 2 unnumbered figs [XVIII: 356, 2 unnumbered figs]—available name
Type material. MCZR–M–21406—2 sh "*Turritella turbona* Monts (ind. Not. Conch. Civ. p. 14 figurata nel testo Civitav.[a] (Donati)!!"
Type locality. Described from Civitavecchia (Italy).
Remarks. A taxon introduced with a description and two good drawings, based on material collected near Civitavecchia (Roma), presented by Mr. Donati, a correspondent of Monterosato. Monterosato (1877d: 420) stated that he had examined (and figured) more than a single specimen, so that the large figured shell is not the holotype. Recorded by MolluscaBase (2018) as *Turritella turbona* Monterosato, 1877.

SUPERFAMILY EPITONIOIDEA
Family EPITONIIDAE

candidissima, Scalaria [*Epitonium candidissimum* (Monterosato, 1877)] (Figures 10I, J)
1877a: 37, pl. II, fig. 5 [XV: 307, 321, fig. 5]—available name
Type material. MCZR–M–30007—2 sh Algiers, figured in Giannuzzi–Savelli *et al.* (1999: 66, 67 figs 147, 148) and listed by Settepassi *et al.* (1976: 18, n. 0436)
Type locality. Described from Algiers (Algeria).
Remarks. Recorded by MolluscaBase (2018) as *Epitonium candidissimum* (Monterosato, 1877).

commutata, Scalaria [*Gyroscala commutata* (Monterosato, 1877)] taxon inquirendum (Figures 10K, L)
1877d: 420 [XIII: 356]—available name
Type material. MCZR–M–23554—2 sh "S. commutata, Monts Ann. Museo Civ. Genova 1876—77 p. 14 = S. pseudoscalaris, auct. (non Brocc.) Palermo e Catania!"
MCZR–M–23529—10 sh "Sc. commutata albida Alger coll (Joly)"
MCZR–M–23556—7 sh "Sc. commutata var. albina. M. Oran (Alg)"
Type locality. Civitavecchia (Italy) and Mediterranean.
Remarks. Name proposed to distinguish *Scalaria pseudoscalaris* Brocchi, 1814 sensu Auctores, considered as a distinct species by Monterosato based on the lack of spines at the axials. The alleged synonymy with *Scalaria lamellosa* Lamarck, 1814 (from Western Atlantic) was initially considered as possible by Monterosato's (1877d: 420) but subsequently (Monterosato, 1878c: 26) rejected. Some Authors have considered the introduction by Monterosato as a replacement name for *Scalaria lamellosa* Lamarck, 1822 [not *Turbo lamellosum* Brocchi, 1814—now *Cirsostrema lamellosum* (Brocchi, 1814)]. Landau *et al.* (2006: 18) debated the issue of the name to use for the species, deciding for *Epitonium commutatum* (Monterosato) [now *Gyroscala commutata*]. Considering other

cases of species from the two sides of the Atlantic almost indistinguishable morphologically (see e.g. *Bulla striata* Bruguière, 1792 v. *B. occidentalis* A. Adams, 1850: Malaquias & Reid, 2008) we take a conservative position in regarding the introduction by Monterosato (1877d: 420) as a new species. In case the two entities (Eastern v. Western Atlantic) are considered as conspecific, then the name for both should be *Gyroscala commutata* (Monterosato, 1877); in case they are proved (for instance by genetics) as distinct, then *G. commutata* should be restricted to the Eastern Atlantic species. Recorded by MolluscaBase (2018) as a synonym of *Gyroscala lamellosa* (Lamarck, 1822), we suggest reverting to *Gyroscala commutata* (Monterosato, 1877) as taxon inquirendum [**new status**].

finitima, Hyaloscala [*Epitonium finitimum* (Monterosato, 1890)] (Figures 10M, N)
1890a: 150 [XXXVIIIa: 904]—available name
Type material. MCZR–M–23502—1 sh "Sc. finitima, Monts Nat. Sic. 1890, p. 11. Napoli (Acton, Tiberi) Palermo, Monts come S. delicata (ms. mihi) Adv. Bank 927" "Golfo di Napoli (Acton)"
Type locality. Described from Napoli (Italy).
Remarks. Bouchet & Warén (1986) selected a lectotype based on a specimen from Palermo, in the collection de Boury (MNHN), which was not part of the type material and thus makes the designation invalid (ICZN, 1999: art. 74.2). The specimen MCZR–M–23502 is certainly type material and clearly belongs to *Epitonium pseudonanum* Bouchet & Warén, 1986. Recorded by MolluscaBase (2018) as a doubtful synonym of *Epitonium hispidulum* (Monterosato, 1874), it is a senior synonym of *Epitonium pseudonanum* Bouchet & Warén, 1986 [**new synonymy**].

hispidula, Scalaria [*Epitonium hispidulum* (Monterosato, 1874)] (Figures 10O, P)
1872b: 39 [VI: 121]—nomen nudum
1874a: 264 [X: 190]—available name
Type material. MCZR–M–23621—4 sh "Scalaria hispidula Alleri S.Vito" (Brugnone's handwriting)// 1 sh "Sc. hispidula Monts S.Vito Pal. (Dr)"// 4 sh "S. hispidula Monts Palermo et altre località"// 2 sh "San Vito e Napoli"// 5 sh + frg "S. hispidula et S. tenera Monts ms. Palermo".
Type locality. Described San Vito lo Capo and Palermo (Sicily), and Napoli (Italy).
Remarks. Recorded by MolluscaBase (2018) as *Epitonium hispidulum* (Monterosato, 1874).

jolyi, Scalaria [*Epitonium jolyi* (Monterosato, 1878)] (Figures 10Q, R)
1878b: 316 [XXI: 456]—available name
Type material. MCZR–M–23494—1 sh "S. jolyi Monts" (verso) "Alger (Joly)" (recto), " S. Jolyi, M. Journ. Conchyl. 1878, p. 316—Alger (Joly)...".
Type locality. Described from coasts of Algeria.
Remarks. Name available and valid albeit proposed conditionally [ICZN, 1999: art. 11 d (ii)]. Landau *et al.* (2006) regarded Fossil (*E. septemcostatum* Conti, 1871) and Recent (*E. jolyi* Monterosato) materials as conspecific, an issue that should be more deeply investigated. Recorded by MolluscaBase (2018) as *Epitonium jolyi* (Monterosato, 1878).

†*lacerata Linctoscala* [*Epitonium spiniferum* (G. Seguenza, 1876)] (Figures 10S, T)
1890a: 149 [XXXVIIIa: 903]—available name
Type material. MCZR–M–23441—2 sh "Sc. lacerata Monts" "lacerata Monts Ficarazzi"
Type locality. Described from Ficarazzi † (Sicily).
Remarks. Recorded by MolluscaBase (2018) as taxon inquirendum. Bouchet & Warén (1986) correctly included it in the synonymy of *Epitonium spiniferum* (G. Seguenza, 1876), a position that we share.

lincta, Linctoscala [*Epitonium linctum* (de Boury & Monterosato, 1890)] (Figures 10U, V)
1890: 161 - in de Boury (1890).
Type material. MNHN—Lectotype (designated by Bouchet & Warén, 1986), Sicily.
MCZR–M–23500/P—3 sh (Paralectotypes) "S. frondicula (Monts) non S. Wood fide De Boury, Sc. nov. sp. De Boury. Sc. lincta Monts ms. Pal. e S. Vito (Monts). Anche d'Arcachon—Atl. (De Boury)"

Type locality. Sicily: "it probably originates from the Palermo or San Vito localities of Monterosato." (Bouchet & Warén, 1986: 514).
Remarks. Species described with de Boury. Recorded by MolluscaBase (2018) as *Epitonium linctum* (de Boury & Monterosato, 1890).

spirilla, Hyaloscala [*Epitonium spirillum* (Monterosato, 1890)] (Figures 11A, B)
1890a: 150 [XXXVIIIa: 904]—available name
Type material. MCZR–M–23467—17 sh "Sc. spirilla Monts Nat. Sic. 1890 p. 11 Palermo" "Scalaria spirilla n. sp. Monts. ms. Palermo"
Type locality. Described from Palermo (Sicily).
Remarks. Recorded by MolluscaBase (2018) as a synonym of *Epitonium clathratulum* (Kanmacher, 1798). However, *Epitonium spirillum* differs from *E. clathratulum* in its smaller size, fewer and more lamellose axial ribs, squared whorls, larger and more acute protoconch. We consider *E. spirillum* as a valid species [**new status**] that replaces *E. clathratulum* in most of (if not all) the Mediterranean.

striatissima, Scalaria [*Epitonium striatissimum* (Monterosato, 1878)] (Figures 11C, D)
1878a: 151 [XIX: 441]—available name
Type material. MCZR–M–23508—1 sh "Hyalosc. striatissima Monts Palermo". Label in the bottom: "S. striatissima Monts. in Journ. de Conchyl. 1878 p. 151 (Pal. e S. Vito) En. e Sin. p. 38"
Type locality. Described from Palermo (Sicily).
Remarks. Recorded by MolluscaBase (2018) as *Epitonium striatissimum* (Monterosato, 1878).

Family JANTHINIDAE

laeta, Amethistina [*Janthina globosa* Swainson, 1822] (Figures 11E, F)
1884h: 105 [XXXI: 761]—available name
Type material. MCZR–M–23414/L—1 sh (Lectotype) "Amethistina laeta Monts 1884 Alger (Joly)" designated by Beu (2017).
MCZR–M–23414/P—4 sh (Paralectotypes) "Amethistina laeta Monts 1884 Alger (Joly)"
Type locality. Described from Algiers (Algeria).
Remarks. Recorded by MolluscaBase (2018) as a synonym of *Janthina globosa* Swainson, 1822, based on Beu (2017).

splendens, Janthina [*Janthina globosa* Swainson, 1822] (Figures 11G, H)
1884f: 104 [XXXI: 760]—available name
Type material. MCZR–M–23423/L—1 sh (Lectotype) "J. splendens Alessandria (Lothellerie)", designated by Beu (2017).
MCZR–M–23423/P—1 sh (Paralectotype) "J. splendens Alessandria (Lothellerie)"// 6 sh (Paralectotypes) "J. splendens Monts Alger (Joly)"// 2 sh (Paralectotypes) "Is di Lipari" Tiberi's handwrite // 5 sh (Paralectotypes) "Pal. Coll. Di Blasi"
Type locality. Alexandria (Egypt). Described also from Palermo, Lipari (Sicily), and Algiers (Algeria).
Remarks. Recorded by MolluscaBase (2018) as a synonym of *Janthina globosa* Swainson, 1822, based on Beu (2017).

SUPERFAMILY TRIPHOROIDEA
Family CERITHIOPSIDAE

contigua, Cerithiopsis [*Cerithiopsis barleei* Jeffreys, 1867] (Figures 11I, J)
1878a: 156 [XX: 446]—available name
Type material. MCZR–M–21158—9 sh "Cerithiopsis contigua Monts varie località!"// 5 sh "P" (Palermo) on the

cork cap.
Type locality. Described from Palermo (Sicily).
Remarks. Recorded by MolluscaBase (2018) as taxon inquirendum. It is usually considered as a form of *Cerithiopsis barleei* Jeffreys, 1867 [**new synonymy**].

diadema, Cerithiopsis (ex Watson ms.) [*Cerithiopsis diadema* Monterosato, 1874 ex Watson ms.] (Figures 11K, L)
1874a: 273 [X: 199]—available name
Type material. MCZR–M–21014—2 sh "Cerithiopsis diadema Wat. Madeira (From Watson)" (Brugnone's handwriting) // 1 sh "modenese! Doderlein"// 1 sh "C. diadema Wats. ms Madeira d. Watson" "Cerithiopsis diadema (6) (Wat. ms) Madeira" (Watson's handwriting) // 2 sh "diadema Trap."
Type locality. Described from Palermo (Sicily), Madeira and unprecised locality near Modena †.
Remarks. Recorded by MolluscaBase (2018) as *Cerithiopsis diadema* Monterosato, 1874.

perlata, Cerithiopsis [*Cerithiopsis perlata* Monterosato, 1889] (Figures11M, N)
1889c: 39 [XXXV: 871]—available name
Type material. MCZR–M–21185—1 sh "C. perlata Monts J. C. 1889 p. 39 Casa Blanca"
Other material. MCZR–M–21151—1 sh "Cerithiopsis perlata Monts. in Journ. Conchyl. 1889 p. 39 Rabat"
Type locality. Described from Casablanca (Morocco), Magnisi (Sicily).
Remarks. Recorded by MolluscaBase (2018) as *Cerithiopsis perlata* Monterosato, 1889.

tiara, Cerithiopsis (ex Watson ms.) [*Krachia tiara* (Monterosato, 1874 ex Watson ms.)] (Figures 11O, P)
1874a: 274 [X: 200]—available name
Type material. MCZR–M–21141/L—1 sh (Lectotype) "Cerithiopsis tiara Madeira Watson ms. di Watson" "Cerithiopsis tiara Watson) (5) Madeira" (Watson's handwriting), designated by Hallgass (1985).
Type locality. Madeira. Described from Madeira and Palermo (Sicily).
Remarks. Recorded by MolluscaBase (2018) as *Krachia tiara* (Monterosato, 1874).

Family NEWTONIELLIDAE

hanleyana, Cerithiella [*Cerithiella metula* (Lovén, 1846)]
1884h: 123 [XXXI: 779]—available name
Type material. Not found (should be at NHML)
Type locality. Described from Villefranche-sur-Mer (France).
Remarks. Based on a specimen from the Hanley collection, cited also by Jeffreys, that should be at NHML. Recorded by MolluscaBase (2018) as a synonym of *Cerithiella metula* (Lovén, 1846).

horrida, Cerithiopsis (ex Jeffreys ms.) [*Retilaskeya horrida* (Monterosato, 1874 ex Jeffreys ms.)] (Figures 11Q, R)
1874a: 273 [X: 199]—available name
Type material. MCZR–M–21173—10 sh "Cerithiopsis horrida, Jeffr. ms. Palermo!!" "Palermo 50—200 m" "Cerithiopsis sp? The first whorls are as in C. metaxa [amended by Jeffreys in red with:] "C. horrida J. ms. sp. n. Porcupine also".
Type locality. Described from San Vito lo Capo, Palermo (Sicily) and another unprecised locality.
Remarks. Recorded by MolluscaBase (2018) as *Cerithiopsis horrida* Monterosato, 1874. Moved by Romani *et al.* (2018) to the genus *Retilaskeya* Marshall, 1978 in Newtonellidae.

Family TRIPHORIDAE

benoitianum, Cerithium [*Metaxia metaxa* (Delle Chiaje, 1828)]
1869b: 275, pl. XIII, figs 2, 2a [II: 9, 13, figs 2, 2a]—available name
Type material. Not found

Type locality. Described from Palermo (Sicily).
Remarks. Recorded by MolluscaBase (2018) as a synonym of *Metaxia metaxa* (Delle Chiaje, 1828).

SUPERFAMILY CALYPTRAEOIDEA
Family CALYPTRAEIDAE

spirata, Calyptraea (ex Nardo ms.) [*Calyptraea chinensis* (Linnaeus, 1758)] (Figures 12A, B)
1872b: 30 [VI: 112]—as synonym of *C. chinensis* (L., 1758)—nomen nudum
1875b: 22 [XIII: 248]—as a variety of *C. chinensis* (L., 1758)—nomen nudum
1878c: 78 [XIX: 393]—as a variety of *C. chinensis* (L., 1758)—nomen nudum
1890a: 141 [XXXVIII a: 895]—available name
Type material. MCZR–M–22939—7 sh "C. spirata Nardo Chioggia aderenti alla Turritella communis (Pegorari)" (recto) "anche avuta da Brusina credo dalla stessa provenienza" (verso)
MCZR–M–23012—1 sh "C. spirata Madera Nobre"
Type locality. Described from Madeira, and Adriatic Sea (ex Nardo and Brusina).
Remarks. This binomen is sometimes ascribed to Nardo (1847) (e.g. MolluscaBase (2018): Gofas, 2014) where, anyway, it was not mentioned. It is to be ascribed to Monterosato (1890, ex Nardo ms.). Recorded by MolluscaBase (2018) as a synonym of *Calyptraea chinensis* (Linnaeus, 1758).

SUPERFAMILY NATICOIDEA
Family NATICIDAE

similis, Payraudeautia [*Euspira intricata* (Donovan, 1804)] (Figures 12C–H)
1884h: 107 [XXXI: 763]—available name
Type material. MCZR–M–23337—7 sh "N. similis v. Sfax—spugne" Label in the box bottom: "Payr. similis Monts C. di Barberia nelle spugne!"// 2 sh "Payraudeautia similis Monterosato (Tipo) Sfax"
Other material
MCZR–M–23337—5 sh "N. similis v. lactea M. Sfax—spugne"// 6 sh "N. similis v. adusta M. Sfax—spugne"
Type locality. Described from coasts of Barberia (Tunisia) and Bona (Algeria).
Remarks. Name proposed for *Natica intricata* (Donovan, 1804) sensu Monterosato, 1880 and B.D.D., 1882, considered as a distinct species; currently regarded as a synonym of *Euspira intricata*. Recorded by MolluscaBase (2018) as a synonym of *Euspira intricata* (Donovan, 1804).

SUPERFAMILY CINGULOPSOIDEA
Family CINGULOPSIDAE

coelata, Microsetia [*Eatonina fulgida* (J. Adams, 1797)] (Figures 13M, N)
1884e: 280 [XXXf: 633]—available name
Type material. MCZR–M–30009/L—1 sh (Lectotype) "Microsetia coelata Monts n. forma? Ognina" "Microsetia coelata Monts Ognina Lectotipo det. A. Gaglini 18.4.90"
Type locality. Ognina (Sicily).
Remarks. Name emended in *M. celata* by Amati (1987). A single immature specimen, indicated by Gaglini (1990) as the holotype. Recorded by MolluscaBase (2018) as a synonym of *Eatonina fulgida* (J. Adams, 1797).

***pumila, Setia* (*Sabanea*)** [*Eatonina pumila* (Monterosato, 1884)]
1884h: 74 [XXXI: 730]—available name
Type material. Not found
Type locality. Described from coasts of Provence (France), Palermo (Sicily).
Remarks. Name proposed for *Rissoa micrometrica* Aradas & Benoit sensu B.D.D., 1882, non *Rissoa*

micrometrica Aradas & Benoit, 1874 ex G. Seguenza ms, considered as a distinct species. Recorded by MolluscaBase (2018) as *Eatonina pumila* (Monterosato, 1884).

SUPERFAMILY RISSOOIDEA
Family BARLEEIIDAE

majuscula, Barleeia [*Barleeia gougeti* (Michaud, 1830)] (Figures 15N, O)
1884d: 230 [XXXe: 628]—available name
Type material. MCZR–M–22309—5 sh "B. rubra, Mtg. var. major. pallida Is. di Lampedusa (Issel) 25—55 metri"// 2 sh "Alger (Joly)" "Barleeia majuscula Monts. n. sp. = B. rubra var. major.".
Type locality. Described from Ognina (Sicily), Lampedusa Is., and Algiers (Algeria).
Remarks. Name proposed to replace *Barleeia rubra* var. *major* Monterosato, 1878. Recorded by MolluscaBase (2018) as a synonym of *Barleeia gougeti* (Michaud, 1830) following Gofas (1995).

minuscula Barleeia [*Barleeia minuscula* Monterosato, 1889] taxon inquirendum (Figures 15P, Q)
1889c: 34 [XXXV: 866]—available name
Type material. MCZR–M–22287—3 + 1 sh "B. minuscula Monts. ms. Casablanca Marocco"
Type locality. Described from Casablanca (Morocco).
Remarks. MolluscaBase (2018) recorded it as a synonym of *Eatonina fulgida* (J. Adams, 1797). However, the type material, perfectly fitting the original description, belongs to a species of the genus *Barleeia* W. Clark, 1853, although we cannot say if it is different from *B. unifasciata* and keep it as taxon inquirendum [**new status** and **new combination**]

seminulum, Rissoa [*Barleeia seminulum* (Monterosato, 1877)] (Figures 16E–G)
1877a: 35, pl. III, fig. 8 [XV: 305, 322, fig. 8]—available name
Type material. MCZR–M–22234—34 sh "Rissoa seminulum Monterosato Sidi—Ferruch" (Joly's handwriting).// 1 sh "Alger (Joly)" Label on the bottom "R? seminulum Monterosato n. sp. Alger (Joly)!"
Type locality. Described from Sidi-Feruch (Algeria).
Remarks. Very variable, we figure two shells at the extremes of the variation range. Recorded by MolluscaBase (2018) as *Barleeia seminulum* (Monterosato, 1877).

Family RISSOIDAE

algeriana, Rissoa [*Alvania algeriana* (Monterosato, 1877)] (Figures 13A–C)
1877a: 34, pl. III, figs 5, 5a [XV: 304, 322, figs 5, 5a]—available name
Type material. MCZR–M–22182—6 sh "R. algeriana n. sp. e var. rufula Alger (Joly)!"
Other material. MCZR–M–22182—5 sh "R. algeriana var. rufola Monts Alger (Joly)"
Type locality. Described from Algiers and Mustapha (Algeria).
Remarks. Peculiar species, with paucispiral protoconch and teleoconch spiral sculpture only on the base; var. *rufula* (Fig. 13B) is only sligthly smaller, almost monochrome. Recorded by MolluscaBase (2018) as *Alvania algeriana* (Monterosato, 1877).

angustior, Zippora [*Rissoa angustior* (Monterosato, 1917)] (Figures 13D–F)
1917: 11, pl. I, fig. 9 [LXVII: 1285, 1305, fig. 9]—available name
Type material. MCZR–M–30008—6 sh "Z. angustior Typ. 1917 Monts Tripoli!!"
Type locality. Described from Tripoli (Libya).
Remarks. MolluscaBase (2018) considers it as a nomen dubium, as did Verduin (1985) who pointed to his *R. rodhensis* for a possible link; however, not having seen the types, he kept *R. angustior* as nomen dubium. Pending a revision with genetic data of the Mediterranean *Rissoa*, we keep *R. rodhensis* and *R. angustior* (both with paucispiral protoconch) as distinct species, based on a few morphological features (more robust shell, less expanded outer lip, violet sutures in *R. angustior*) that however need further testing.

apicina, Sabanea [*Pusillina inconspicua* (Alder, 1844)] (Figures 13G, H)
1890a: 146 [XXXVIIIa: 900]—available name
Type material. MCZR–M–22011—19 + 2 sh "S. apicina nov. sp. Monts ms. Funnazzi 1886" "Pal. 1886"// 7 sh "Palermo a gran prodondità". Label in the box bottom "S. apicina Monts ms. Conch. prof. Pal. 1889 p.4"
Type locality. Described from Palermo (Sicily).
Remarks. Recorded by MolluscaBase (2018) as taxon inquirendum. The type material belongs to *Pusillina inconspicua* (Alder, 1844) [**new synonymy**].

aurita, Rissoa [*Crisilla semistriata* (Montagu, 1808)] (Figures 13I, J)
1877a: 35, pl. III, fig. 7 [XV: 305, 322, fig. 7]—available name
Type material. MCZR–M–22255—1 sh "Rissoa aurita n. sp. Monterosato Alger (Joly)!" "Rissoa aurita Monts. Alger (Joly) (Joly's handwriting)
Type locality. Described from coasts of Algeria.
Remarks. The single shell at MCZR has a second varix on the last whorl, causing a deformated outline. Recorded by MolluscaBase (2018) as a synonym of *Crisilla semistriata* (Montagu, 1808).

beniamina, Cingula [*Crisilla beniamina* (Monterosato, 1884)] (Figures 13K, L)
1869c: 8, unnumb. pl. fig. 2 [III: 22, 33, fig. 2] *as Cingula concinna*—preoccupied name
1884: 228 [XXX e: 626]—available name
Type material. USNM–182859—Lectotype (Jeffreys Coll.) designated by Verduin (1984: 48) on a specimen from Palermo, ex Monterosato.
MCZR–M–22252/P—2 sh (Paralectotypes) "P" (Palermo, on the cork cap) "280 m!" // 9 sh (Paralectotypes) "Cingula concinna Allery Trapani e Magnisi" handwrite by Brugnone // 1 sh (Paralectotype) "Magnisi (Brugnone)" // 8 sh (Paralectotypes) "Mo" (Mondello, on the cork cap) // 9 sh (Paralectotypes) " T" (Trapani). Label in the box "C. beniamina, Monts. / Rissoa (Cingula) concinna, Monts (non S. Wood)" recto "Cingula beniamina Monts. Ris. Concinna (Cing.) All. " verso.
Type locality. Palermo (Sicily). Described also from Mondello, Trapani, Ognina and Magnisi (Sicily), coasts of Provence (France), and Algiers (Algeria).
Remarks. Replacement name for *Cingula concinna* Monterosato, 1869, considered as preoccupied by *Rissoa concinna* S.V. Wood, 1842. *Cingula concinna* Monterosato, 1869 was also preoccupied by *Cingula concinna* C.B. Adams, 1850. Recorded by MolluscaBase (2018) as *Crisilla beniamina* (Monterosato, 1884).

†***catagrapha, Rissoa*** [*Rissoa catagrapha* Monterosato, 1891] taxon inquirendum
1891a: 103 [XXXIXa: 935]—available name
Type material. Not found
Type locality. Described from S. Flavia † (Sicily).
Remarks. Monterosato described it within the group of *Alvania aspera* (Philippi, 1844) and compared it to *A. monterosatoi* (P. Fischer, 1788) fossil from Rhodes. Recorded by MolluscaBase (2018) as taxon inquirendum.

consimilis, Sabanea [*Pusillina inconspicua* (Alder, 1844)] (Figures 13O, P)
1890a: 146 [XXXVIIIa: 900]**—**available name
Type material. MCZR–M–30010—19 + 2 sh "S. consimilis, Monts Conch. prof. Pal. 1889, p. 4" (recto) "Rissoa consimilis Monts. Mss. 30 m! Palermo!" (verso)
Type locality. Described from Palermo (Sicily), and Napoli (Italy).
Remarks. Recorded by MolluscaBase (2018) as taxon inquirendum. The type material belongs to *Pusillina inconspicua* (Alder, 1844) [**new synonymy**].

consociella, Alvania [*Alvania lanciae* (Calcara, 1845)] (Figures 13Q, R)
1884c: 159 [XXXd: 620]—available name
Type material. MCZR–M–22159/L—1 sh (Lectotype) "Alvania (Alvania) consociella Monterosato Corsica", designated by Amati (1982).
MCZR–M–22159/P—7 sh (Paralectotypes) "Alvania (Alvania) consociella Monterosato Corsica". Label on the

bottom: “A. consociella Monts ms. Pantelleria, Corsica, Livorno, anche di Villafranca, tipo var. major (Hanley)
MCZR–M–30011/P—7 sh (Paralectotypes) “Alvania sp. del tipo della consociella Villefranche”
Type locality. Corsica. Described also from Pantelleria Is., Ognina (Sicily), Livorno, Castiglioncello and Civitavecchia (Italy), Bandol, Port-Vendres, Roussillon and Villefranche-sur-Mer (France).
Remarks. Amati (2012) revised this species and designated the lectotype (MCZR). Recorded by MolluscaBase (2018) as a synonym of *Alvania lanciae* (Calcara, 1845).

dajerleini, Massotia (ex Schwartz von Mohrenstern ms.) [*Alvania lactea* (Michaud, 1830)] (Figures 14A, B)
1889c: 33 [XXXV: 865]—available name
Type material. MCZR–M–30012—6 sh “M. dajerleini Schw. ms. (Alvania) Casa Blanca Marocco (Monterosato)! (v. retro) 1886”, verso “cfr. col tipo di Schw. in coll. Brusina (Xxxx [unreadable]) come delle coste Atl. della Francia”
Type locality. Described from Casablanca (Morocco) and Atlantic coasts of France.
Remarks. The wrong original ortography *“dojerleini”* was corrected by Monterosato (1889d:120) (ICZN, 1999: art. 33.2.2). Recorded by MolluscaBase (2018) as a synonym of *Alvania lactea* (Michaud, 1830).

disparilis, Alvania [*Alvania disparilis* Monterosato, 1890] (Figures 14C, D)
1890a: 146 [XXXVIIIa: 900]—available name
Type material. MCZR–M–22155—26 sh “Al. disparilis Monts ms. 1890 Palermo 1886!” // 1 sh “Sciacca!”
Type locality. Described from Palermo and Sciacca (Sicily).
Remarks. Assuming the real *Alvania disparilis* as defined by the 26 shells from Palermo, the single specimen from Sciacca represents a different, undescribed species (BA, unpublished). Recorded by MolluscaBase (2018) as *Alvania disparilis* Monterosato, 1890.

electa, Rissoa [*Alvania electa* (Monterosato, 1874)] (Figures 14E, F)
1874a: 261 [X: 187]—available name
Type material. MCZR–M–22178—2 sh “R. (Alv.) electa Monts S. Vito” (Brugnone’s handwriting)// 14 sh “Rissoa electa, Monts Jour. Conchyl. 1874. S. Vito! 160 fath. Agosto 1873”
Type locality. Described from San Vito lo Capo (Sicily).
Remarks. Recorded by MolluscaBase (2018) as *Alvania electa* (Monterosato, 1874).

glabella, Hela [*Hela glabella* Monterosato, 1880] taxon inquirendum
1875b: 25 [XIII: 251]—nomen nudum
1878c: 83 [XIX: 397]—nomen nudum
1880c: 67 [XXVII: 551]—available name
Type material. Not found in MCZR.
Other material. MCZR–M–21841—1 sh “Hela glabella Monts nuova rivista p. 25 Palermo 120—300 metri”
Type locality. Described from off Palermo (Sicily).
Remarks. Recorded by MolluscaBase (2018) as taxon inquirendum. The single shell with the original label does not match at all the description (it is a *Rissoa* sp.). We suspect a misplacing of material, and keep it as a nomen dubium (Bouchet & Warén, 1993: 809).

globulinus, Setia [*Setia globulinus* Monterosato, 1884] taxon inquirendum (Figures 14G, H)
1884e: 278 [XXXf: 631]—available name
Type material. MCZR–M–22364—1 sh “S. globulinus Monts Nat. Sic. 1884” “Porto Vecchio Corsica (Del Prete)”
Type locality. Described from Porto Vecchio (Corsica).
Remarks. Recorded by MolluscaBase (2018) as taxon inquirendum. Verduin (1988: 32) considered it as a nomen dubium; Gaglini (1990) indicated the single specimen in MCZR as the holotype. It resembles a form of *Setia fusca* (Philippi, 1841) but a revision of the Mediterranean species of *Setia* is needed before assessing its identity.

hirta, Acinopsis [*Alvania hirta* (Monterosato, 1884)] (Figures 14I, J)
1884c: 162 [XXX d: 623]—available name
Type material. MCZR–M–22135—29 sh "Napoli"// 43 sh "Napoli"// 50 sh "Magnisi"// 1 sh "Nap."
Label in the box reading: "Rissoa (Alvania) hirta, Monts. ined. = R. cancellata var. minor Monts."
Type locality. Described from Palermo, Ognina, Magnisi, San Vito lo Capo and Trapani (Sicily), and Napoli (Italy).
Remarks. Recorded by MolluscaBase (2018) as *Alvania hirta* (Monterosato, 1884).

hispidulus, Acinus [*Alvania hispidula* (Monterosato, 1884)] (Figures 14K, L)
1884h: 63 [XXXI: 719]—available name
Type material. Type material in Philippi collection (2 syntypes, MNHNS 176) (Coan & Kabat, 2017: 163).
Historical material. MCZR–M–22130—2 sh "A. hispidula Monts. ms." .
Type locality. *R. clathrata* Philippi, 1844 described from Napoli (Italy).
Remarks. Replacement name for *Rissoa clathrata* Philippi, 1844 non Gray in King, 1827 nec Grateloup, 1828 Recorded by MolluscaBase (2018) as *Alvania hispidula* (Monterosato, 1884).

inflata, Setia [*Setia fusca* (Philippi, 1841)] (Figures 14M, N)
1875b: 28 [XIII: 254]—as *Rissoa fusca* var. *minor–turriculata* and var. *inflata*—nomen nudum
1878c: 87 [XIX: 401]—as *Rissoa fusca* var. *minor–turriculata* and var. *major–inflata*—nomen nudum
1884e: 279 [XXXf: 632]—available name
Type material. MCZR–M–22343—17 sh "Rissoa fusca var. inflata Messina (Dr. Seguenza)" (verso), "R. fusca var. inflata Messina (Benoit)" (recto).
Type locality. Described from Messina (Sicily).
Remarks. It is introduced as an "emended name" for *Setia fusca* var. *major–inflata* Monterosato, 1875 (which was a nomen nudum), with a description. Recorded by MolluscaBase (2018) (Gofas, 2014) as *Setia fusca* (Philippi, 1841).

laevis, Rissoa [*Peringiella denticulata* Ponder, 1985] (Figures 14O, P)
1877a: 36, pl. III, fig. 9 [XV: 306, 322, fig. 9]—available name
Type material. MCZR–M–22375—5 sh "Cingula laevis (Peringiella). Monts Alger (Joly)"
MCZR–M–30013—22 sh "Rissoa laevis n. sp. Monterosato Alger (Joly)!"
Type locality. Described from Algeria.
Remarks. *Peringiella denticulata* Ponder, 1985 was introduced as replacement name pro *R. laevis* Monterosato, 1877, non J. Sowerby, 1829 (Ponder, 1985). Recorded by MolluscaBase (2018) as a synonym of *Peringiella denticulata* Ponder, 1985.

lia, Apicularia [*Rissoa lia* (Monterosato, 1872 ex Benoit ms.)] (Figures 15A–C)
1872b: 34 [VI: 116]—in synonymy of R. *similis* Scacchi, 1836—nomen nudum
1884b: 139 [XXX c: 618]—available name [from 1872]
Type material. MCZR–M–22083—4 sh "Rissoa lia Lazzaretto Messina"// 11 sh "Messina littorale Sulliotti" "Ap. lia Ben" .
MCZR–M–30014—4 sh "R. (Apicularia) lia, Benoit Messina!"// 2 sh "Apicularia lia Benoit Messina!"// 2 sh "Rissoa Apicularia lia, Messina!!" "Rissoa (Apicularia) lia. Benoit 347 i.a. Messina (S. Rainero) Località tipica".
Type locality. Described from Messina (Sicily)
Remarks. Recorded by MolluscaBase (2018) as *Rissoa lia* (Monterosato, 1884). The name was first published in 1872b in the synonymy of *R. similis* Scacchi, and made available by its raising to valid species in 1884b, but dating from the first introduction (1872b), according to ICZN (1999: art. 11.6.1).

limpida, Setia [*Setia limpida* Monterosato, 1884] (Figures 15D–H)
1884e: 279 [XXXf: 632]—available name
Type material. MCZR–M–22352—5 sh "Alger (Joly)!"// 7 sh "Marseille (Sollier)" Label in the box reading: "Setia limpida ined. Monts Alger (Joly)"

Type locality. Described from Algiers (Algeria), coasts of Provence (France) and Ognina (Sicily).
Remarks. Currently considered as nomen dubium (MolluscaBase, 2018). The type material clearly belongs to *Setia kuiperi* (Verduin, 1984) [**new synonymy**]. We disagree with Villari & Scuderi (2017: 195) who synonymyzed *S. kuiperi* with *S. sciutiana*, the types of the two taxa clearly addressing to distinct species (see also Gaglini 1994). Unfortunately, at least Locard & Caziot (1901: 63) and Pallary (1900: 326) used *Setia limpida* after 1899 as the valid name for a species, making impossible the meeting of the first of two conditions for a name to be defined nomen oblitum (ICZN, 1999: art. 23.9.1.1, "the senior synonym …has not been used as a valid name"), and there are not 25 instances of use of *S. kuiperi* by 10 different authors to protect it (second condition, ICZN, 1999: art. 23.9.1.2).

macilenta, Setia [*Obtusella macilenta* (Monterosato, 1880)] (Figures 15I–K)
1878c: 87 [XIX: 401]—nomen nudum
1880c: 69 [XXVII: 553]—available name
Type material. MCZR–M–22346—420 sh + frg "Paler." and cork cap marked with "P".
Type locality. Described from Palermo (Sicily) and Napoli (Italy).
Remarks. Recorded by MolluscaBase (2018) as *Obtusella macilenta* (Monterosato, 1880).

maculata, Cingula [*Crisilla maculata* (Monterosato, 1869)] (Figures 15L, M)
1869c: 7, unnumb. pl., fig. 1 [III: 21, 33, fig. 1]—available name
Type material. MCZR–M–22251—6 sh "Ris. maculata, (Cing.) All." "Trapani".
Type locality. Described from Palermo and Trapani (Sicily).
Remarks. Recorded by MolluscaBase (2018) as *Setia maculata* (Monterosato, 1869). We consider as more likely its inclusion in the genus *Crisilla* Monterosato, 1917 [**new combination**], rather than in *Setia* H. Adams & A. Adams, 1852, due to the occasional presence of spiral sculpture, the shell larger and more robust than in *Setia*; it also can live in deeper waters than usual for species of *Setia*, all features more fitting the species of *Crisilla*.

munda, Sabanea [*Pusillina munda* (Monterosato, 1884)] (Figures 15R, S)
1884b: 139 [XXXc: 618]—available name
Type material. MCZR–M–30015—3 sh "Sabanea munda Monts Sfax!!"
Type locality. Described from coasts of Barberia, Sfax (Tunisia).
Remarks. Recorded by MolluscaBase (2018) as *Pusillina munda* (Monterosato, 1884).

nitens, Apicularia [*Rissoa similis* Scacchi, 1836]
1884b: 140 [XXXc: 619]—available name
Type material. Not found
Type locality. Described from Trapani, Palermo, Ognina and Magnisi (Sicily), Piombino (Italy) and Marseille (France).
Remarks. Recorded by MolluscaBase (2018) as a synonym of *Rissoa similis* Scacchi, 1836.

paradoxa, Zippora [*Rissoa paradoxa* (Monterosato, 1884)] (Figures 15T, U)
1884b: 137 [XXXc: 616]—available name
Type material. MCZR–M–30016—5 sh "Zippora paradoxa Monts, Sfax!!"
Type locality. Described from Magnisi and Trapani (Sicily), Bona (Algeria), coasts of Barberia and Sfax (Tunisia).
Remarks. Recorded by MolluscaBase (2018) as *Rissoa paradoxa* (Monterosato, 1884).

prismatica, Sabanea [*Pusillina inconspicua* (Alder, 1844)] (Figures 15V, W)
1890a: 146 [XXXVIIIa: 900]—available name
Type material. MCZR–M–30017—837 sh "P." (Palermo) Label on the bottom: "R. sp. = R. incospicua Schw. (non Alder) Med. e Adr." "v. prismatica Monts".
Type locality. Described from Mediterranean Sea.
Remarks. Name proposed for *Rissoa inconspicua* Alder, 1844, sensu Schwartz von Mohrenstern (1864), considered as a distinct species. Recorded by MolluscaBase (2018) as taxon inquirendum, it is currently considered

(e.g.: Verduin, 1976) as a synonym of *Pusillina inconspicua* (Alder, 1844), a position that we share.

†*puella, Rissoa* (*Sabanea*) [*Pusillina marginata* (Michaud, 1830)] (Figures 16A, B)
1891a: 103 [XXXIXa: 935]—available name
Type material. MCZR–M–21155—6 sh "Sabanea puella Monts S. Flavia".
Type locality. Described from S. Flavia † (Sicily).
Remarks. Recorded by MolluscaBase (2018) as taxon inquirendum. The type material corresponds to *Pusillina marginata* (Michaud, 1830) [**new synonymy**].

†*puellaris, Rissoa* (*Sabanea*) [*Rissoa puellaris* (Monterosato, 1891)] taxon inquirendum
1891a: 103 [XXXIXa: 935]—available name
Type material. Not found
Type locality. Described from S. Flavia † (Sicily).
Remarks. Recorded by MolluscaBase (2018) as taxon inquirendum.

†*putilla, Rissoa* (*Sabanea*) [*Rissoa putilla* Monterosato, 1891] taxon inquirendum
1891a: 103 [XXXIXa: 935]—available name
Type material. Not found
Type locality. Described from S. Flavia † (Sicily).
Remarks. Recorded by MolluscaBase (2018) as taxon inquirendum.

sculptilis, Rissoa [*Alvania sculptilis* (Monterosato, 1877)] (Figures 16C, D)
1877a: 35, pl. III, fig. 6 [(XV: 305, 322, fig. 6]—available name
Type material. MCZR–M–22162—3 sh "Rissoa sculptilis n. sp? Alger (Joly)".
Type locality. Described from coasts of Algeria.
Remarks. Recorded by MolluscaBase (2018) as *Alvania sculptilis* (Monterosato, 1877). Villari & Scuderi (2017) commented on potential relationships with *Alvania sororcula* Granata-Grillo, 1877 without reaching a conclusion.

scurra, Apicularia [*Rissoa scurra* (Monterosato, 1917)]
1917: 12, pl. I, figs 27, 28 [(LXVII: 1286, 1305, pl. I, figs 27, 28]—available name
Type material. Not found in MCZR.
KBIN–D –Lectotype (ex Monterosato) designated and figured by Verduin (1985: 120), from "Puntebianche".
Type locality. Puntebianche (Croatia). Described also from Tripoli (Libya).
Remarks. Recorded by MolluscaBase (2018) as *Rissoa scurra* (Monterosato, 1917).

simplicula, Cingula [*Crisilla simplicula* (Monterosato, 1890 nomen dubium] (Figures 16H, I)
1890a: 147 [XXXVIIIa: 901]—available name
Type material. Not found in MCZR.
Other material. MCZR–M–30018—2 sh "Cingula simplicula Monts. Pal!! Conch. Prof. Pal. p. 8"
Type locality. Described from Palermo (Sicily).
Remarks. The two shells in the collection do not match the description (the figured shell is a juvenile of the *Rissoa lia*–complex), raising misplacing as very likely. In the original description, Monterosato compared it to the group of *Rissoa aemula* (a nomen nudum that, according to material in the collection, was based on *Crisilla gagliniae* (Amati, 1985) **[new combination]).** We therefore ascribe *Cingula simplicula* to the genus *Crisilla* [**new combination**] (as defined in Bouchet & Warén, 1993), but keep the species as a nomen dubium, pending the finding of actual types (**not recorded** by MolluscaBase, 2018).

†*spinosa, Alcidia* [*Alvania spinosa* (Monterosato, 1890)] (Figures 16J, K)
1890a: 147 [XXXVIIIa: 901]—available name
Type material. MCZR–M–30019—3 sh "R. angulata Seg. ms. foss. di Milazzo"// 2 sh "Alcidia spinosa Seg. Palermo 1886" Label on the bottom: "Alcidia spinosa Monts. ms. = angulata (non Eichw) Seguenza Palermo. 1886" **Type locality.** Described from Milazzo † and Palermo (Sicily).

Remarks. Name proposed to replace "*R[issoa]. angulata* Seguenza ms." (nomen nudum in Seguenza 1874: 4) non Eichwald, 1830, included in the new section *Alcidia.* Recorded by MolluscaBase (2018) as *Alvania spinosa* (Monterosato, 1890).

subareolata, Alvania [*Alvania subareolata* Monterosato, 1869] (Figures 16L, M)
1869c: 9, unnumb. pl. fig. 3 [III: 23, 33, fig. 3]—available name
Type material. MCZR–M–22171—321 sh "Alvania caribea D'Orbi—subareolata Allery Trapani"
MCZR–M–22167—6 sh, cork cap marked with "Mo" (Mondello) "Alv. subareolata Monterosato non R. caribaea D'Orb."
Type locality. Described from Trapani, Palermo and Mondello (Sicily).
Remarks. Recorded by MolluscaBase (2018) as *Alvania subareolata* Monterosato, 1869.

turriculata, Setia [*Setia turriculata* Monterosato, 1884] (Figures 16N, O)
1875b: 28 [(XIII: 254]—as *Rissoa fusca* var. *minor–turriculata*—nomen nudum
1878c: 87 [XIX: 401]—as *Setia fusca* var. *minor–turriculata*—nomen nudum
1884e: 279 [XXXf: 632]—as *Setia turriculata*—available name
Type material. MCZR–M–30020—4 sh "Setia turriculata Monts. Arenella!"
Type locality. Described from Arenella of Palermo and Trapani (Sicily), Civitavecchia (Italy), Marseille (France), Puntebianche (Croatia).
Remarks. Monterosato used *Rissoa fusca* var. *minor–turriculata* as synonym of *Setia turriculata* in 1875 and 1878 (both nomen nudum) and in 1884, as well as of *Setia inflata* in 1875 and 1878 (both nomen nudum). Recorded by MolluscaBase (2018) as *Setia turriculata* Monterosato, 1884.

SUPERFAMILY STROMBOIDEA
Family APORRHAIDAE

conemenosi, Aporrhais [*Aporrhais pespelecani* (Linnaeus, 1758)] (Figures 16P, Q)
1890b: 162 [XXXVIIIb: 910]—available name
Type material. MCZR–M–8554—7 sh "Preveza a Skafidaki nel golfo"
MCZR–M–8562—1 sh "Ap. conemenosi Monts" "Patrasso"
MCZR–M–8551—10 sh "Preveza"// 1sh "A. conemenosi Monts Nat. Sic. 1890 un esempl. fossile d'Altavilla"
Type locality. Described from insular Greece, and Altavilla † (Sicily).
Remarks. Original spelling incorrect "*conomenosi*" (1890b: 162; ICZN, 1999: art. 32.5); justified emendatio as *conemenosi* (1890b: 191; ICZN, 1999: art. 33.2.2), specific epithet after Mr. Conemenos who presented the Greek type material. Settepassi (1977) figured syntypes from "Prevesa" as *Aporrhais pespelecani conemenosi* Monterosato and *"Aporrhais pespelecani conemenosi oblongus"* Settepassi. **Not recorded** by MolluscaBase (2018), it is a synonym of *A. pespelecani* [**new synonymy**].

SUPERFAMILY TONNOIDEA
Family CASSIDAE

crosseanum, Dolium [*Eudolium crosseanum* (Monterosato, 1869)] (Figures 17A, B)
1869a: 228; pl. XII, fig. 2 [I: 2, 5 unnumb. fig.]—available name
Type material. Holotype preserved in HUJ (Coen collection).
Historical material. MCZR–M–30036—1 sh "Dolium crosseanum Monts. Jounr. Conch. 1869 T. XII fig. 1 p. 228 36 coste—81 x 56 m di Palermo" "rabat[?] xxxx [unreadable] Dautzenberg 1930" (not in Dautzenberg's handwriting), "Dolium crosseanum Monterosato Eudolium" [*Eudolium bairdii* (Verrill & S. Smith [in Verrill], 1881)] (Figures 17C, D)
Type locality. Described from Palermo (Sicily).
Remarks. The holotype is preserved in the Coen collection (HUJ; photo courtesy Oz Rittner). The historical

specimen preserved in the Monterosato collection belongs to *Eudolium bairdi* (Verrill & S. Smith [in Verrill], 1881), as already addressed by Piani (1977) and Smriglio & Mariottini (2005). Recorded by MolluscaBase (2018) as *Eudolium crosseanum* (Monterosato, 1869).

SUPERFAMILY TRUNCATELLOIDEA
Family ANABATHRIDAE

intorta, Rissoa [*Nodulus contortus* (Jeffreys, 1856)]
1875b: 28 [XIII: 254]—as *Rissoa contorta var. intorta*—nomen nudum
1877d: 418 [XVIII: 354]—as *Rissoa contorta var. intorta*—available name
Type material. Not found
Type locality. Not indicated.
Remarks. Recorded by MolluscaBase (2018) as a synonym of *Nodulus contortus* (Jeffreys, 1856).

Family CAECIDAE

decurtata, Brochina [*Caecum auriculatum* de Folin, 1868] (Figures 17E, F)
1884f: 23 [XXXg: 637]—available name
Type material. MCZR–M–21441/L—1 sh (Lectotype) "C. decurtatum, Monts = ? C. auriculatum Monts? Nel Porto di Palermo! Anche d'Algeria!", designated by Pizzini *et al.* (1995)
MCZR–M–21441/P—1 sh (Paralectotype) "C. decurtatum, Monts = ? C. auriculatum Monts? Nel Porto di Palermo! Anche d' Algeria!".
Type locality. Palermo (Sicily). Described also from Magnisi (Sicily) and Algiers (Algeria).
Remarks. Pizzini *et al.* (1995) have shown that it represents a form of *C. auriculatum*, with a precocious labial varix. Recorded by MolluscaBase (2018) as a synonym of *Caecum auriculatum* de Folin, 1868.

incompta, Brochina [*Caecum armoricum* de Folin, 1869] (Figures 17G–I)
1884f: 23 [XXX g: 637]—available name
Type material. MCZR–M–21442—2 sh "C. (Brochina) n. sp. De Folin Dalmazia (Brus. come C. glabrum)"// 2 sh "Brochina glabra Monts. Is. Lacroma" Brusina's handwriting // 2 sh "C. incomptum" probably from Is. Lacroma and separated by Gaglini (1992a).
Type locality. Described from Brittany (France), Lacroma Is. (Croatia) and Livorno (Italy).
Remarks. Recorded by MolluscaBase (2018) as a synonym of *Caecum armoricum* de Folin, 1869 based on Hoeksema & Segers (1993).

semitrachea, Caecum (ex Brusina ms.) [*Caecum trachea* (Montagu, 1803) pars] (Figures 17J, K) and [*Caecum orientale* de Folin, 1868 pars] (Figures 17L, M)
1872b: 38 [VI: 120]—as synonym of *C. obsoletum* Carpenter, 1858—not available
1875b: 29 [XII: 255]—as synonym of *C. obsoletum* Carpenter, 1858—not available
1878c: 88 [XIX: 402]—as synonym of *C. obsoletum* Carpenter, 1858—not available
1884f: 24 [XXXg: 638]—available name
Type material. MCZR–M–21467—3 sh "Brochina semitrachea Brus. Is. Ulbo" // 16 sh "Ma" (Magnisi) // 11 sh "Mo" (Mondello)// 2 sh "Bona" // 1 sh "Alger (Joly)" // 4 sh "P." (Palermo). Label on the bottom: "C. semitrachea Brusina".
Type locality. Described from Ulbo Is. (Croatia), Palermo, Ognina, Magnisi and Mondello (Sicily), Algiers and Bona (Algeria).
Remarks. Recorded by MolluscaBase as a synonym of *Caecum clarkii* Carpenter, 1859. The type material comprises two species: the 3 sh ex Brusina from Ulbo Is. (exegetically indicating the original concept of the species) belong to *C. trachea* [**new synonymy**]; the remaining samples correspond to the Mediterranean species previously called *C. clarki* Carpenter, 1859. Nofroni *et al.* (1997) have shown that *C. clarki* Carpenter, 1859, is

limited to the Canary Islands. For its Mediterranean sister species (*C. clarki* sensu Auctores) *C. orientale* de Folin, 1868 is available [**new status**].

Family TRUNCATELLIDAE

microlena, Truncatella (ex Bourguignat ms.) [*Truncatella subcylindrica* (Linnaeus, 1767)] (Figures 17N, O)
1878c: 87 [XIX: 401]—as *Truncatella truncatula* var. *minor = microlena*—nomen nudum
1878b: 321 [XXI: 461]—available name
Type material. MCZR–M–22933—6 sh "Truncatella microlena" "Alger"
Type locality. Described from coasts of Algeria.
Remarks. Monterosato (1878c: 87) placed "*Truncatella microlena* Bourguignat ms." in the synonymy of *T. truncatula* (Draparnaus, 1811). Recorded by MolluscaBase (2018) as a synonym of *Truncatella subcylindrica* (Linnaeus, 1767).

punctata, Truncatella [*Truncatella subcylindrica* (Linnaeus, 1767)]
1878b: 321 [XXI: 461]—available name
Type material. Not found.
Type locality. Not indicated. Coasts of Algeria: it is inferred from the title of the work.
Remarks. Recorded by MolluscaBase (2018) as a synonym of *Truncatella subcylindrica* (Linnaeus, 1767).

SUPERFAMILY VANIKOROIDEA
Family EULIMIDAE

antiflexa, Vitreolina [*Vitreolina antiflexa* Monterosato, 1884] (Figures 18A, B)
1884h: 101 [XXXI: 757]—available name
Type material. MCZR–M–23601—3 sh "Vitreonella antiflexa Monts fondo corall. Palermo"
MCZR–M–23615—1 sh "Magnisi"//;
MCZR–M–23616—6 sh "Magnisi!!"// 17 sh "Magnisi!"// 1 sh "Roussillon (Dautz)";
Type locality. Described from Palermo, Magnisi, San Vito lo Capo and Messina (Sicily), Napoli (Italy), Roussillon (France), Algiers (Algeria).
Remarks. Monterosato introduced this name with a brief description. He referred that the species matches the var. "*exilis*" Monterosato (nomen nudum) of *Eulima distorta* Deshayes 1830, and (with a question mark) *Eulima distorta* Deshayes 1830, sensu G.O. Sars (1878: pl. 11, fig. 23). We think that the introduction is valid due to the description rather than to the reference to Sars (1878). Thus, the type material is composed of the shells directly examined by Monterosato for this article. Pending a revision of the Mediterranean species of this difficult genus, it remains an open question whether this is a distinct species or not. Recorded by MolluscaBase (2018) as *Vitreolina antiflexa* (Monterosato, 1884).

beryllina, Eulima [*Crinophtheiros comatulicola* (Graff, 1875)] (Figures 18C, D)
1878a: 154 [XX: 444]—available name
Type material. MCZR–M–23615—1 sh "E. beryllina Monts. Jour. Conchyl. 1878—Palermo!"
Other material. In the same lot: 1 sh (neotype of *Stylina comatulicola* Graff, 1875) designated by Bouchet & Warén (1986), "E. comatulicola Graff in 3. V. Zool. XXV 1875, p. Napoli Stylina = E. beryllina, Monts. Jour. Conchyl. 1878, p. 102" (recto), "Non è un sp. di Stylina (= Stylifer). Avuto dall'autore. Si xxxxx [unreadable] …."(verso), "Stylina comatulicula Graff, 3. J. Wiss. Zool. XXV Neapel. 1875." Graff's handwriting.
Type locality. Described from Palermo (Sicily).
Remarks. Described with the usual conciseness. Later on, Monterosato (1890 b: 160) himself recognized *E. beryllina* as a junior synonym of *Stylina comatulicola* Graff, 1875**,** the neotype of which was designated on a shell in the Monterosato coll. (Bouchet & Warén, 1986: 397, figs 946, 947). *S. comatulicola* is the type species of *Crinophtheiros* Bouchet & Warén, 1986, by original designation. The description is in a work based on

malacological samples from Palermo. It was only later that specimens from Algiers (Monterosato, 1878c: 95) and Viareggio and Naples (Monterosato, 1884h: 102) were added. Therefore, the specimen from Naples (neotype of *S. comatulicola* Graff), as well as additional material from Viareggio in the Monterosato collection is not part of the type material. This makes *Stylina comatulicola* Graff, 1875 and *S. beryllina* Monterosato, 1878 subjective synonyms (not objective ones). Recorded by MolluscaBase (2018) as a synonym of *Crinophtheiros comatulicola* (Graff, 1875).

cionella, Eulima [*Vitreolina cionella* (Monterosato, 1878)] (Figures 18E, F)
1878a: 154 [XIX: 444]—available name
Type material. MCZR–M–23901—2 sh "E. cionella Monts, Mondello, Marzo '76"
Type locality. Described from Palermo (Sicily).
Remarks. An elusive eulimid described with few words, as usual. The size pointed out in the description (height: 3 mm) is obviously excessive for this tiny shell, being possibly a miswriting for "1.3 mm". Gaglini (1992b) offered light photographs of a syntype and of its original label from the Monterosato collection, and assigned the species to the genus *Vitreolina* Monterosato, 1884. Despite it being quite a characteristic species, it has been recorded only occasionally (e.g. Gaglini, 1992b; Tringali, 1996; Gofas *et al.* 2011). Recorded by MolluscaBase (2018) as *Vitreolina cionella* (Monterosato, 1878).

curva, Eulima [*Vitreolina curva* (Monterosato, 1874 ex Jeffreys ms.)] (Figures 18G, H)
1874 a: 269 [X: 195]—available name
Type material. MCZR–M–23626—3 sh "Eulima curva Jeffr. Trapani" handwriting by Brugnone // "Eulima curva Jeffr. Monts. in Jour. Conchyl. 1874 varie località"
Type locality. Described from Palermo, Trapani, and Milazzo † (Sicily), and Adriatic Sea (Italy).
Remarks. Introduced with a concise description, yet effective to outline the characteristic shell shape. A full valid species belonging to the genus *Vitreolina* Monterosato, 1884. Recorded by MolluscaBase (2018) as *Vitreolina curva* (Monterosato, 1874).

devians, Vitreolina [*Curveulima devians* (Monterosato, 1884)] (Figures 18I, J)
1875b: 35—Xlll: 261—nomen nudum
1878c: 95—XIX: 409—nomen nudum
1884h: 101 [XXXI: 757]—available name
Type material. MCZR–M–23594—1 sh "Viareggio Del Prete"// 1 sh "M. Pellegrino"// 6 sh "Palermo". Label on the box bottom: "E. distorta var. devians Palermo" (recto), "E. distorta, auct. var. devians. Pal. e Trapani!" (verso).
Type locality. Described from Palermo, Trapani and Monte Pellegrino † (Sicily), and Viareggio (Italy).
Remarks. It is currently regarded as a distinct species of the genus *Curveulima* Laseron, 1955 (MolluscaBase, 2018), although there is no published record of its host species (*Curveulima* species are parasites of crinoids: see Bouchet & Warén, 1986: 399).

lineata, Aclis [*Fusceulima lineata* (Monterosato, 1869)] (Figures 18K, L)
1869c: 10, unnumb. pl., fig. 4 [III: 24, 33, fig. 4]—available name
Type material. MCZR–M–23629—4 sh "Eulima lineata Monterosato, Trapani" Brugnone's handwriting // "Aclis lineata, Allery (Eulima non Aclis) Trapani Sicilia T".
Type locality. Described from Trapani (Sicily).
Remarks. Described as a shallow water species from Trapani. In spite of the name *lineata* (viz. "with lines"), the shell lacks indeed any axial or spiral sculpture of lines, being so named after the general shape similar to that of *Acme lineata* [= *Acicula lineata* (Draparnaud, 1801)]. A not well–known species, currently ascribed to the genus *Fusceulima* Laseron, 1955. Some differential characters for the distinction from *Fusceulima minuta* (Jeffreys, 1884) are offered by Bouchet & Warén (1986: 413). Recorded by MolluscaBase (2018) as *Fusceulima lineata* (Monterosato, 1869).
lubrica, Acicularia [*Melanella lubrica* (Monterosato, 1890)] (Figures 18M, N)
1878c: 96—XIX: 410—as *Acicularia intermedia* var. *solidula*—nomen nudum
1884h: 103 [XXXI: 759]—as *Acicularia intermedia* var. *solidula*—not available (infrasubspecific)

1890b: 159 [XXXVIIIb: 907]—available name
Type material. MCZR–M–30021—1 sh "Acicularia lubrica Monts = intermedia auct. typ. England!".
MCZR–M–30052—9 sh + 2 frg "Palermo" // 1 sh "Eulima lubrica Monts acic. fondi coral. Palermo" (unknown handwriting) // 3 sh "Eulime rade de Morlaix 20 brasses beaucoup plus rare que Eul. Polita" (A. Bavay's handwriting?) // 2 sh "Eulima di Napoli!! vicina alla polita. La stessa foss. a Ficarazzi!!" // 1 sh "Eulima intermedia Cant. 1 expl Bergen" (unknown handwriting) //2 sh "Eulima intermedia Cantraine England".
Type locality. "Numerous localities" in Mediterranean and Atlantic.
Remarks. Monterosato (1890b: 159) deemed Jeffreys' (1867: 203; 1869: 214; pl. 77, fig. 4) interpretation of *Eulima intermedia* Cantraine, 1835, as not corresponding to Cantraine's actual species [= *Melanella polita* (Linnaeus, 1758)]. He had previously described this form as *Acicularia intermedia* var. "*solidula*" (1884h: 103; nomen nudum in 1878c: 96). The name *Eulima solidula*, however, may fall in homonymy with *Eulima solidula* A. Adams & Reeve, 1850, and it may therefore be argued that Monterosato (1890b: 159) preferred to introduce by a description a different name, *Acicularia lubrica* for *Eulima intermedia* Cantraine sensu Jeffreys. This is a well–known species of the genus *Melanella* Bowdich, 1822, parasitic on holothurians (Bouchet & Warén, 1986: 352). It is noteworthy that in the type material and additional (non-type) samples in the collection the typical spiral microsculpture, assumed to be diagnostic of *M. lubrica* as currently conceived (e.g. Bouchet & Warén, 1986: 362, figs 742,743; Gofas *et al.*, 2011: 228), is rather variable in presence/absence and strength. Recorded by MolluscaBase (2018) as *Melanella lubrica* (Monterosato, 1890).

mediterranea, Lacuna [*Ersilia mediterranea* (Monterosato, 1869)] (Figures 18O, P)
1869c: 15, unnumb. pl., fig. 8 [III: 29, 33, fig. 8]—available name
Type material. MCZR–M–30022—2 sh "Palermo"// 2 sh "Trapani". Label for the two vials reading "Lacuna divaricata (Trochus) Fabr. = L. vincta auct.—pullus –" manuscript by Tiberi, "Ersilia mediterranea All. di Monterosato Palermo e Trap.".
Type locality. Described from Palermo and Trapani (Sicily).
Remarks. Recorded by MolluscaBase (2018) as *Ersilia mediterranea* (Monterosato, 1869).

monterosatoi, Acicularia [*Melanella monterosatoi* (Monterosato, 1890 ex de Boury ms.)] (Figures 18Q, R)
1890b: 160 [XXXVIIIb: 908]—available name
Type material. Lectotype (SMNH, 3610L) and Paralectotype (SMNH, 3610) designated by Warén (1988).
MCZR–M–23603/P—2 sh (Paralectotypes) "England monterosati De Boury"
MCZR–M–23607/P—4 sh (Paralectotypes) "Eulima distorta var. gracilis Golfo di Napoli" "Napoli Tiberi"
Type locality. England. Described also from Palermo (Sicily), Napoli (Italy) and Atlantic.
Remarks. Monterosato introduced—with a brief description—*Acicularia monterosatoi* ex de Boury ms. for *Eulima distorta* Deshayes var. "*gracilis*" Forbes & Hanley, 1850 (and Jeffreys), avoiding to raise the latter name at specific rank, since *E. gracilis* would be a primary homonym of the slightly older *Eulima gracilis* C.B. Adams, 1850. Later on, Monterosato published a poor photo of the species (1917: additional figures to pl. 1, fig. 34), which is now regarded to belong to the genus *Melanella* Bowdich, 1822 (Sabelli *et al.*, 1990–1992: 34). Warén (1988: 21; 23, figs 11–12) selected and figured lectotype (SMNH, 3610L) and paralectotype (SMNH, 3610), both originally collected in England. Recorded by MolluscaBase (2018) as *Melanella monterosatoi* (Monterosato, 1890).

nana, Eulima [*Nanobalcis nana* (Monterosato, 1878)] (Figures 18S, T)
1875b: 35 [XIII: 261]—nomen nudum
1878a: 153 [XX: 443]—available name
Type material. MCZR–M–30023—5 sh "E. nana Monts Pal.—giugno 1873".
Type locality. Described from Palermo (Sicily).
Remarks. First cited as a nomen nudum (Monterosato, 1875b: 35), then made available by a description in Monterosato (1878a: 153). It is the type species by original designation of the genus *Nanobalcis* Warén & Mifsud, 1990, parasitic on cidaroid sea urchins (Warén & Mifsud, 1990). We have discovered in an unnumbered box (now numbered 30023) the lot of five type shells, labelled by Monterosato as collected in Palermo in June 1873. Recorded by MolluscaBase (2018) as *Nanobalcis nana* (Monterosato, 1878)

pernula, Acicularia [*Melanella pernula* (Monterosato, 1890)]
1890b: 159 [XXXVIIIb: 907]—available name
Type material. Not found
Type locality. Described from Mondello (Sicily), Algiers (Algeria).
Remarks. Name proposed for *Melania nitida* Lamarck, 1804, sensu Philippi (1836: 157, pl. IX, fig. 17; 1844: 134), regarded as distinct species. Sometimes listed among the synonyms of *Melanella polita* (Linnaeus, 1758) (taxonomic discussion in Warén, 1988: 20), with an uncertain classification in *Melanella.* Recorded by MolluscaBase (2018) as *Melanella pernula* (Monterosato, 1890).

translucens, Acicularia (ex Brusina ms.) [*Melanella translucens* (Monterosato, 1890, ex Brusina ms.)] (Figures 18U, V)
1890b: 160 [XXXVIIIb: 908]—available name
Type material. MCZR–M–30024—1 sh "E. translucens Brusina" "Velirat!"
Type locality. Described from Mondello (Sicily), Dalmatia (Croatia).
Remarks. A little-known species, usually ascribed to the genus *Melanella* Bowdich, 1822 (e.g. Sabelli *et al.*, 1990–1992: 34). Giannuzzi–Savelli *et al.* (1999: 99, figs 275a–b) published the photos of a (non type) specimen in the Monterosato collection from Trieste. Recorded by MolluscaBase (2018) as *Melanella translucens* (Monterosato, 1890).

SUPERFAMILY VELUTINOIDEA
Family VELUTINIDAE

spirolineata, Lamellaria [*Lamellaria perspicua* (Linnaeus, 1758)] (Figures 18W, X)
1869c: 13, unnumb. pl., figs 7, 7a [III: 27, 33, figs 7, 7a]—available name
Type material. MCZR–M–23083—2 sh "species nova Lamellaria spirolineata Allery" "P" (Palermo) on the cork cap.
MCZR–M–23094—1 sh "Lamellaria spirolineata Allery Palermo" probably the figured specimen (1869c: figs 7, 7a)
Type locality. Described from Palermo (Sicily).
Remarks. Recorded by MolluscaBase (2018) as taxon inquirendum. Although there is still discussion on the presence of either one or two distinct species in the European seas (e.g.: Gofas *et al.*, 2011: 256), the type material belongs to the form corresponding to *Lamellaria perspicua* (Linnaeus, 1758) [**new synonymy**].

Family TRIVIIDAE

spongicola, Trivia [*Trivia spongicola* Monterosato, 1923] (Figures 19A, B)
1923: 11 [LXVIII: 1316]—available name
Type material. MCZR–M–30025/L—1 sh (Lectotype) "T. spongicola M. Sfax!", designated by Smriglio *et al.* (1998).
MCZR–M–30025/P—5 sh (Paralectotypes) "T. spongicola M. Sfax!"
Type locality. Sfax (Tunisia). Described also from Zueitina (Libya).
Remarks. Fehse (2002: 12) wrongly used *Niveria spongicola* as a substitute name for the preoccupied *Trivia pulex* [currently *T. mediterranea* (Risso, 1826)], although *Trivia spongicola* is only known as endemic to the area from the Gulf of Gabès to the Gulf of Sirte. Recorded by MolluscaBase (2018) as *Trivia spongicola* Monterosato, 1923.

SUPERFAMILY VERMETOIDEA
Family VERMETIDAE

anguliferus, Vermetus [*Dendropoma anguliferum* (Monterosato, 1878)] (Figures 19C, D)

1875b: 29 [XIII: 255]—as *Vermetus glomeratus var. angulifera*—nomen nudum
1878c: 89 [XIX: 403]—available name
1884h: 81 [XXXI: 737] –as *Bivonia angulifera*
Type material. MCZR–M–30026—1 aggregate from Tripoli. Label on the bottom: "V. (Siph.) anguliferum Monts. T. VII f. 10—11".
Type locality. Described from Tripoli (Libya).
Remarks. The original description (1878c) is, admittedly, very poor and the species is better described and figured in later works (Monterosato, 1884g: 61; 1884h: 81–82; 1892c: 44–45, pl. VII, figs 10–12). Nevertheless, we are prone to consider *Vermetus anguliferus* as validly introduced by the 1878 description, in agreement with literature. Templado *et al.* (2016) identified under this name the species of the *Dendropoma petraeum*–complex from the Levant basin. Admittedly, there was no explicit indication that "Tripoli" was the locality in Lebanon ("Syria" at the time of Monterosato), instead of Tripoli in Libya. However, we agree with Templado *et al.* (2017) that this interpretation (the same of Pallary, 1938: 37, pl. 2 fig. 3, who was in contact with Monterosato) is perfectly compatible with available knowledge, and using this available name for an existing species keeps nomenclature the most stable possible. Subsequently figured (1892c: pl. VII, figs 10–12). Recorded by MolluscaBase (2018) as *Dendropoma anguliferum* (Monterosato, 1878).

erroneus, Vermetus [*Vermetus granulatus* (Gravenhorst, 1831)] (Figures 19E, F)
1889c: 36 [XXXV: 868]—available name
Type material. MCZR–M–21216—3 sh "V. granulatus var. erronea Monts Mon. Vermeti. p. 25 Mondello"
Type locality. Described from Casablanca (Morocco), previously (1877a: 36) reported also from Algeria, Palermo and Siracusa (Sicily) and Adriatic Sea.
Remarks. Name proposed to distinguish *Vermetus cristatus* Biondi, 1858 sensu B.D.D. 1882 considered a distinct species. Subsequently considered a form of *Vermetus granulatus* (Gravenhorst, 1831) and figured (Monterosato 1892c: pl. I, figs 17, 18). Recorded by MolluscaBase (2018) as a synonym of *Vermetus granulatus* (Gravenhorst, 1831).

gregarius, Vermetus [*Vermetus triquetrus* Ant. Bivona, 1832] (Figures 19G, H)
1878c: 88 [XIX: 402]—available name
Type material. MCZR–M–30027—2 aggregates "Vermetus gregarius Monts = V. triqueter var. β Ph., Moll. Sic. I. p. 170, t. IX f. 22 Palermo"// 1 aggregate "Vermetus gregarious Monts, scogli dell'Arenella pr. Palermo buon tipo"
MCZR–M–21234—1 aggregate "Biv. triqueter Monts = Vermetus triqueter, Biv. var. gregaria =
V. gregarius Monts. Sferracavallo pr. Palermo".
Type locality. Described from Mediterranean Sea.
Remarks. Name proposed to raise to species level *Vermetus triqueter* var. β Philippi, 1836. Subsequently figured (1892c, pl. II, figs 1, 2). Recorded by MolluscaBase (2018) as a synonym of *Vermetus triquetrus* Ant. Bivona, 1832.

horridus, Vermetus [*Thylacodes arenarius* (Linnaeus, 1758)] (Figures 19I, J)
1892c: 34, pl. IV, figs 1–3, 6, 7 [XLIV: 1036, 1057, figs 1–3, 6, 7]—available name
Type material. MCZR–M–5800—4 sh "V. horridus Monts forma tipica juv. ved. Monog. Verm. p. 34. t. IV f. 7 Palermo!!".
MCZR–M–5794—4 sh "Vermetus horridus Monogr. Vermetidae esemplari figurati nella tav. IV Palermo e Catania".
Type locality. Described from Acitrezza and Palermo (Sicily).
Remarks. Recorded by MolluscaBase (2018) as a synonym of *Thylacodes arenarius* (Linnaeus, 1758).

petraea, Bivonía [*Dendropoma cristatum* (Biondi, 1859)]
1884g: 61 [XXX h: 641]—available name
Type material. Types are those of *Vermetus glomeratus* Bivona (if still existing).
Type locality. Described from Palermo (*Vermetus glomeratus* Ant. Bivona, 1832 and Philippi, 1836), Catania (*V.*

cristatum Biondi, 1859), and localities of Mediterranean Sea.
Remarks. Replacement name for *Vermetus glomeratus* Ant. Bivona, 1832 (not *Serpula glomerata* Linnaeus, 1758). As suggested by Monterosato himself (1884g: 61), and confirmed by Scuderi (1995), this is a junior synonym of *Vermetus cristatus* Biondi, 1859. Recorded by MolluscaBase (2018) as a synonym of *Dendropoma cristatum* (Biondi, 1859).

rugulosus, Vermetus [*Thylaeodus rugulosus* (Monterosato, 1878)] (Figures 19K, L)
1878c: 89 [XIX: 403]—available name
Type material. MCZR–M–21284—1 sh "Vermetus rugulosus Monts Spiaggia dell'Arenella presso Palermo Monog. Vermeti p. 22 T. 1 f. 8"
Type locality. Described from Palermo (Sicily).
Remarks. Subsequently figured (1892c: pl I, fig. 8). Recorded by MolluscaBase (2018) as *Thylaeodus rugulosus* (Monterosato, 1878).

scopulorum, Bivonia [nomen dubium]
1917: 16, pl. I, fig. 11 [LXVII: 1290, 1305, fig. 11]—available name
Type material. Not found
Type locality. Described from coasts of Tripolitania (Libya).
Remarks. Recorded by MolluscaBase (2018) as Vermetidae incertae sedis, *scopulorum* (Monterosato, 1917)

scopulosus, Vermetus [*Thylacodes arenarius* (Linnaeus, 1758)] (Figures 19M, N)
1892c: 32, pl. III, figs 5, 6 [XLIV: 1034, 1055, figs 5, 6]—available name
Type material. MCZR–M–5777—1 sh "Serpulorbis scopulosus Monts Palermo all'Aspra. maggio 1892 forma discoidea non figurata"// 5 sh "V. (Serpulorbis) scopulosus Monts Palermo, all'Aspra littorale Monogr. Verm. 1892 t. IV f. 4, 5."
MCZR–M–5780—2 sh "V. scopulosus vr. Palermo all'Aspra"
MCZR–M–5790—4 sh "V. (Serpulorbis) scopulosus Monts Monog. vermeti. p. 32 e pag 33 var. discodea. t. III, f. 5 1892 Palermo!"
Type locality. Described from Mediterranean Sea (*V. gigas* var. *angulata* Monterosato, 1878), Mondello and Aspra (Sicily; form b, *discoidea*).
Remarks. Name proposed for *Vermetus gigas* var. *angulata* Monterosato, 1878 (nomen nudum) raised to specific rank in 1892. Recorded by MolluscaBase (2018) as a synonym of *Thylacodes arenarius* (Linnaeus, 1758).

selectus, Vermetus [*Thylacodes arenarius* (Linnaeus, 1758)] (Figures 19O, P)
1878c: 88 [XIX: 402]—available name
Type material. MCZR–M–5778—2 sh "V. selectus v. ramosa M. spugne! Mon. Verm. p. 39."
MCZR–M–5818—3 sh "Vermetus selectus Monts forma typica ? G. di Napoli"
MCZR–M–5868—2 sh "V. selectus Monts 2 esemplari di Palermo! figur. nella Monog. Vermeti 1892 t. V f.1"
Type locality. Described from Catania, Acitrezza and Palermo (Sicily), Napoli (Italy), Adriatic Sea, coasts of Syria (Lebanon).
Remarks. Name proposed for *Vermetus arenarius* var. *solitaria* Monterosato, 1875 (nomen nudum) = *Vermetus gigas* var. *elongata* Réquien, 1848 (nomen nudum) raised to specific rank. Subsequently figured (1892c: pl. V, figs 1–4). Recorded by MolluscaBase (2018) as a synonym of *Thylacodes arenarius* (Linnaeus, 1758).

serpuloides, Vermetus [*Thylacodes arenarius* (Linnaeus, 1758)] (Figures 19Q, R)
1892c: 41, pl. VII, fig. 1 [XLIV: 1043, 1063, fig. 1]—available name
Type material. MCZR–M–5801—1 aggregate "Bivonia serpuloides Monts Aci–trezza (Aradas) figurata nella tabella VII".
Type locality. Described from Acitrezza (Sicily).
Remarks. Recorded by MolluscaBase (2018) as taxon inquirendum. According to the type material found it belongs to *Thylacodes arenarius* (Linnaeus, 1758) [**new synonymy**].

simulans, Vermetus [‘*Vermetus’ simulans* Monterosato, 1892] taxon inquirendum
1892c: 25, pl. I, fig. 19 [XLIV: 1027, 1051, fig. 19]—available name
Type material. Not found
Type locality. Described from Prèveza (Greece).
Remarks. MolluscaBase (2018) records it as a taxon inquirendum.

spirintortus, Vermetus [*Vermetus granulatus* (Gravenhorst, 1831)] (Figures 20A, B)
1892c: 22, pl. I, fig. 9 [XLIV: 1024, 1051, fig. 9]—available name
Type material.
MCZR–M–21264—1 sh “V. spirintortus S. Vito!”// “V. spirintortus M. Mon. Vermet. P. 22. T. 1 f.9 Algeria? Il più piccolo di S. Vito, Sic.”
Type locality. Described from Trapani and San Vito lo Capo (Sicily), and Algeria,
Remarks. Recorded by MolluscaBase (2018) as a synonym of *Vermetus granulatus* (Gravenhorst, 1831).

verrucosus, Vermetus [*Thylacodes arenarius* (Linnaeus, 1758)] (Figures 20C, D)
1878c: 88 [XIX: 402]—as *Vermetus gigas* var. *verrucosa*—nomen nudum
1892c: 33, pl. III, fig. 4 [XLIV: 1035, 1055, fig. 4]—such as *Vermetus verrucosus*—available name
Type material. MCZR–M–5796—3 sh “V. verrucosus Monts Tav. III Palermo” “All’Aspra p. Palermo vedi Mon. Vermet. p. 34”// 1 sh “Mon. Verm. Med. t. III f.4”
Type locality. Described from Palermo (V. gigas var. verrucosa Monterosato, 1878) and Aspra (Sicily).
Remarks. Recorded by MolluscaBase (2018) as a synonym of *Thylacodes arenarius* (Linnaeus, 1758).

SUPERFAMILY BUCCINOIDEA
Family BUCCINIDAE

affinis, Donovania [*Chauvetia affinis* (Monterosato, 1889)]
1889d: 116 [XXXVI: 876]—available name
Type material. Not found
Type locality. Described from Casablanca (Morocco), Taormina (Sicily), and Pantelleria Is.
Remarks. Recorded by MolluscaBase (2018) as *Chauvetia affinis* (Monterosato, 1889).

coccinea, Pollia [*Aplus coccineus* (Monterosato, 1884)] (Figures 20E, F)
1884h: 114 [XXXI: 770]—available name
Type material. MCZR–M–30028—2 sh “A. coccineus Palermo” “A. coccineus 1884 Monts Nom. Conch Med. p. 116”
Type locality. Described from Palermo (Sicily).
Remarks. This morphotype has been recently redescribed by Ardovini (2015) as *Pollia campisii*. However, recent genetic data (MO unpublished) confirmed hints from morphology that both (*campisii* and *coccinea*) are the same as *Aplus scaber* (Locard, 1892) [**new synonymy**]. Settepassi (1977) figured a syntype as *Muricopsis coccineus* Monterosato, 1884, and used the name *Pollia coccinea* Monterosato, 1884 for specimens of the *Aplus dorbignyi*–complex, probably *Aplus nodulosus* (Ant. Bivona, 1832) (Aissaoui *et al.*, 2016). MolluscaBase (2018) recorded *Pollia coccinea* in the synonymy of either *Aplus dorbignyi* (Payraudeau, 1826) or *Muricopsis cristata* (Brocchi, 1814), both wrong synonimies.

decorata, Chauvetia [*Chauvetia decorata* Monterosato, 1889]
1889d: 117 [XXXV: 877]—available name
Type material. Not found
Type locality. Described from Casablanca (Morocco).
Remarks. Recorded by MolluscaBase (2018) as *Chauvetia decorata* Monterosato, 1889.

procerula, Donovania [*Chauvetia procerula* (Monterosato, 1889)]

1889d: 116 [XXXVI: 876]—available name
Type material. Not found
Type locality. Described from Casablanca (Morocco), Algiers (Algeria).
Remarks. Recorded by MolluscaBase (2018) as *Chauvetia procerula* (Monterosato, 1889)

vulpecula, Lachesis [*Chauvetia recondita* (Brugnone, 1873)]
1872b: 49 [VI: 131]—nomen nudum
1874a: 276 [X: 202]—available name
Type material. Not found in MCZR. In MNHN there are two syntypes in the Locard collection
Type locality. Described from San Vito lo Capo (Sicily).
Remarks. Monterosato (1874a: 276) stated it was the same as *Lachesis recondita* Brugnone, 1873. Being *Lachesis vulpecula* Monterosato, 1872 a nomen nudum, the valid name of the species is *Lachesis recondita* Brugnone, 1873 (currently in *Chauvetia*). Recorded by MolluscaBase (2018) as a synonym of *Chauvetia recondita* (Brugnone, 1873).

Family COLUMBELLIDAE

cuneata, Columbella [*Columbella rustica* (Linnaeus, 1758)] (Figures 20G, H)
1892c: 24, pl. 1 figs 12, 13 [XLIV: 1026, 1050, 1051, figs 12, 13]—available name
Type material. MCZR–M–18594—25 sh "C. cuneata typ. Monts Spugne di Sfax!"// 6 sh "C. cuneata albida M. Spugne"// 1 sh "Columbella cuneata albina, Monts L. Spugne di Sfax!"// 4 sh "var marmorata Monts, Spugne"
MCZR–M–18572—56 sh "Columbella cuneata, Monts Sponge de Sfax!"
MCZR–M–21246—9 sh "C. cuneata Coste di Barbaria" with attached vermetids, same as figured in the 1892 paper.
Type locality. Described from coasts of Barberia (Tunisia).
Remarks. Introduced without description, as the substrate of a vermetid, and then figured (with the binomen) in the plate of the vermetid revision. Settepassi (1985) figured 4 syntypes from Sfax as *Columbella* (*Columbella*) *rustica cuneata* Pallary 'Monterosato'. Recorded by MolluscaBase (2018) as taxon inquirendum. It is a form of the common *Columbella rustica* (Linnaeus, 1758)] [**new synonymy**].

hidalgoi, Mitrella [*Mitrella broderipii* (G. B. Sowerby I, 1844)] (Figures 20I, J)
1889d: 116 [XXXVI: 876]—available name
Type material. MCZR–M–18486—5 sh "C. hidalgoi Monts. Cadix (Hidalgo)"// 1 sh "C. hidalgoi Monts Tanger 1–2 m." label Pallary's handwrite. Label on the bottom "Columb. hidalgoi Monts J. de C. 1889 p. 116 = Pall. J. de C. 1902 p. 11 pl. 1, f. 5, 6,7. Tanger et Cap. Spartel".
Type locality. Described from Casablanca and Tangier (Morocco), Cadiz (Spain).
Remarks. Recorded by MolluscaBase (2018) as a synonym of *Mitrella broderipii* (G. B. Sowerby I, 1844).

Family FASCIOLARIIDAE

gigliolii, Pseudofusus [*Fusinus rostratus* (Olivi, 1792)] (Figures 20K, L)
1890c: 182 [XXXVIII c: 916]—available name
Type material. MCZR–M–17431—7 sh "Med. Washington Giglioli 1882!" "Pseudofusus gigliolii, Monts vidi Nat. Sic. 1890 p. 22 Communication"// 1 sh "F. gigliolii Monts ms." (recto), "Sped. del Washington" (verso).
Type locality. Described from material sampled (possibly, but not certainly, off Palermo) during one of the 1882–1884 oceanographic expeditions of R/V Washington (capt. G.B Magnaghi; scientist E.H. Giglioli).
Remarks. Bouchet & Warén (1985) considered it a synonym of *Fusinus rostratus*, an opinion which we share. Settepassi (1985) figured a syntype as *Fusinus (Fusinus) gigliolii* Monterosato. Recorded by MolluscaBase (2018) as a synonym of *Fusinus rostratus* (Olivi, 1792).

labronicus, Pseudofusus [*Fusinus labronicus* (Monterosato, 1884)] (Figures 20M, N)
1884h: 117 [XXXI: 773]—available name
Type material. MCZR–M–30029 –1 sh "Pseudofusus labronicus Monts" "Livorno al Faro"
Type locality. Described from Livorno (Italy) and Gorgona Is.
Remarks. Buzzurro & Russo (2007: 69) considered it a valid species, an opinion that we share. Recorded by MolluscaBase (2018) as *Fusinus labronicus* (Monterosato, 1884).

latiroides, Pseudofusus (ex Di Blasi ms.) [*Fusinus rostratus* (Olivi, 1792)] (Figures 20O, P)
1890c: 182 [XXXVIII: 916]—as *Fusus rostratus* var. *latiroides*—available name
Type material. MCZR–M–17369—37 sh "Pseudofusus, latiroides, Di Blasi Ficarazzi!!"
MCZR–M–17365—4 sh "Pseudofusus latiroides, Di Blasi Foss. Mont. Pellegrino"
MCZR–M–17448—1 sh "Arenella"// 1 sh "Fusus latiroides del Di Bl. Sardegna"// 3 sh "F. latiroides Monts Palermo"// 1 sh "Pseudofusus latiroides fondi corallig. Palermo"// 3 sh "latiroides Di Blasi Palermo!!"// 1 sh "Fusus latiroides Di Blasi ms. Palermo raro. Il vero F. rostratus è rarissimo nel Medit."
Type locality. Described Monte Pellegrino †, Ficarazzi † and Palermo (Sicily), Sardegna (Italy), coasts of Provence (France).
Remarks. Settepassi (1985) figured a syntype from Palermo as *Fusinus (Fusinus) rostratus latiroides* Di Blasi in Monterosato. Recorded by MolluscaBase (2018) as a synonym of *Fusinus rostratus* (Olivi, 1792).

parvulus, Pseudofusus [*Fusinus parvulus* (Monterosato, 1884)] (Figures 20Q–S)
1884h: 117 [XXXI: 773]—available name
Type material. MCZR–M–17464/L—1 sh (Lectotype) "Pseudofusus parvulus Monts Palermo!" designated by Buzzurro & Russo (2007: 55, pl. 18, figs a, b)
MCZR–M–17464/P—2 sh (Paralectotypes) "Pseudofusus parvulus Monts Palermo!"// 3 sh (Paralectotypes) "Pal."// 9 sh (Paralectotypes) "Palermo"// 2 sh (Paralectotypes) "Siracusa! Kobelt**,** come F. rudis, Ph."// 1 sh (Paralectotype) "Palermo"// 2 sh (Paralectotypes) "Fusus parvulus Monts Palermo"// 1 sh (Paralectotype) "Sferracavallo"
MCZR–M–30030/P—13 sh (Paralectotypes) "Pseudofusus parvulus Monts Palermo!"// 15 sh (Paralectotypes) "P. parvulus Monts Palermo!!!"
Type locality. Palermo (Sicily). Described also from Siracusa (Sicily) and Sardinia.
Remarks. Settepassi (1985) figured three syntypes from Palermo as *Fusinus (Fusinus) rudis parvulus* Monterosato. Recorded by MolluscaBase (2018) as *Fusinus parvulus* (Monterosato, 1884).

rusticulus Trophon [*Fusinus rusticulus* (Monterosato, 1880)] (Figures 20T, U)
1880b: 227 [XXVI: 525]—available name
Type material. MCZR–M–17419—1 sh "M. (Trophon) rusticulus Monts n. sp? C. d'Africa"// 3 sh "rusticulus Eponges de Sfax"// 2 sh "Pseudofusus rusticulus C. di Barberia"// 1 sh "C. d'Afr."// 14 sh "Coste d'Africa" label Brugnone's handwrite // 1 sh "Pseudofusus rusticulus Monts Sfax". Label on the bottom: "Pseud. rusticulus Monts Eponges de Barberia" "Trophon rusticulus Monts C. di Barberia!"// 5 sh "C. d'Africa (Spugne)".
Type locality. Described from coasts of Africa (Tunisia).
Remarks. Settepassi (1985) figured two syntypes from "C. di Barberia" as *Fusinus (Fusinus) rusticulus* (Monterosato, 1879). Recorded by MolluscaBase (2018) as *Fusinus rusticulus* (Monterosato, 1880).

Family NASSARIIDAE

†***approximans, Nassa*** [*Nassarius ficaratiensis* (Monterosato 1891)] (Figures 21A, B)
1891c: 4 [XL: 948]—available name
Type material. MCZR–M–17857—12 sh "N. approximans Monts. In Boll. Sc. Nat. ed Econ. Palermo 1891 p. 4 estratto M. pell.".
Type locality. Described from Monte Pellegrino † (Sicily).
Remarks. Recorded by MolluscaBase (2018) as taxon inquirendum. Suggested by Menesini & Ughi (1983) as a

synonym of *Nassarius ficaratiensis* (Monterosato 1891) a position that we share [**new synonymy**].

†ficaratiensis, Nassa [*Nassarius ficaratiensis* (Monterosato 1891)] (Figures 21C, D)
1891c: 4 [XL: 948]—available name
Type material. MCZR–M–17860—6 sh "N. ficaratiensis Monts".
Type locality. Described from Ficarazzi † (Sicily).
Remarks. Considered (Landau *et al.*, 2009) as a valid species. Recorded by MolluscaBase (2018) as *Nassarius ficaratiensis* (Monterosato 1891).

glomus, Nassa [*Nassarius recidivus* (Martens, 1876)] (Figures 21E, F)
1890c: 185 [XXXVIII c: 919]—available name
Type material. MCZR–M–30031—1 sh "N. glomus Monts Sardegna (Tib.)" + label in Tiberi's handwriting "Nassa semistriata (Bucc.), Broc. Fondi coralligeni. Sardegna viv.te"
Type locality. Described from Sardinia (Italy).
Remarks. Recorded by MolluscaBase (2018) as a synonym of *Nassarius recidivus* (Martens, 1876).

johni, Nassa [*Naytia johni* (Monterosato, 1889)] (Figures 21G, H)
1889d: 114 [XXXVI: 874]—available name
Type material. MCZR–M–8176—71 sh "Nassa johni Monts Casablanca" "N. johni, Monts Journ. Chonc. 1889 p. 114 Marocco Casa Blanca".
Type locality. Described from Casablanca (Morocco).
Remarks. Recorded by MolluscaBase (2018) as *Naytia johni* (Monterosato, 1889).

†praelonga, Nassa [*Nassarius lima* (Dillwyn, 1817)] (Figures 21I, J)
1891c: 4 [XL: 948]—available name
Type material. MCZR–M–17830—25 sh "N. praelonga in Boll. Soc. Nat. Pal. 1891 p. 4" "N. limata var. elongata Monts M. Pell. e Fic. 2ª ed. p.16"
Type locality. Described from Monte Pellegrino † (Italy).
Remarks. Replacement name pro *Nassa limata* var. *elongata* Monterosato, 1890, preoccupied by at least *Nassa elongata* Marrat, 1874 and *N. elongata* B.D.D., 1882. Recorded by MolluscaBase (2018) as a synonym of *Nassarius lima* (Dillwyn, 1817).

ringicula, Nassa [*Tritia pygmaea* (Lamarck, 1822)] (Figures 21K, L)
1890c: 185 [XXXVIII c: 919]—available name
Type material. MCZR–M–18093—2 sh "N. ringicula Monts in Conch. Prof. Pal.—Nat. Sic. 1890 p. 25 S. Vito".
Type locality. Described from San Vito lo Capo (Sicily).
Remarks. Recorded by MolluscaBase (2018) as taxon inquirendum. This taxon was based on specimens with a protoconch wider than *Tritia pygmaea* as commonly conceived. It may just represent a different phenotype, or a cryptic distinct species, and we provisionally keep the most conservative position [**new synonymy**].

SUPERFAMILY CONOIDEA
Family BORSONIIDAE

emendata, Taranis [*Drilliola emendata* (Monterosato, 1872)] (Figures 21M, N)
1872a: 17 [V: 55]—available name
Type material. MNHN—Lectotype designated by Bouchet & Warén (1980), Sicily
MCZR–M–16688/P—10 sh + frg (Paralectotypes) "P" "P. emendata Monterosato = P. Renieri Ph. non Sc."// 9 sh "Pl. emendata Allery Palermo, S. Vito" Brugnone's handwriting.
Type locality. Palermo (Sicily).
Remarks. Name proposed to distinguish *Pleurotoma renieri* Scacchi, 1836 sensu Philippi 1844 considered a distinct species. Recorded by MolluscaBase (2018) as *Drilliola emendata* (Monterosato, 1872).

Family CONIDAE

trunculus, Conus [*Conus ventricosus* Gmelin, 1791] (Figures 21O, P)
1900: 401 [LI: 1145]—available name
Type material. MCZR–M–30032—1 sh "C. trunculus Monts. Jour. Conch 1899, p. 401 (Kerinia)"// 1 sh "Spiaggia di Kerinia Feb. 1899".
Type locality. Described from Kérinia (Cyprus).
Remarks. Subsequently figured (Monterosato, 1917: pl. I, fig. 26). Settepassi (1985) figured the specimen from Kérinia as *Conus mediterraneus trunculus* Monterosato. Recorded by MolluscaBase (2018) as a synonym of *Conus ventricosus* Gmelin, 1791.

†*tutus, Conus* [*Conus ventricosus* Gmelin, 1791]
1917: 25, pl. I, fig. 21 [LXVII: 1299, 1305, fig. 21]—available name
Type material. Not found
Type locality. Described from Bu Aìsa † (Libya).
Remarks. Recorded by MolluscaBase (2018) as taxon inquirendum. However, it should fall in the synonymy of *Conus ventricosus* Gmelin, 1791 as presently conceived [**new synonymy**].

Family HORAICLAVIDAE

flexicosta, Haedropleura [*Haedropleura flexicosta* Monterosato, 1884] (Figures 22A, B)
1875b: 42 [XIII: 268]—as *Pleurotoma septangularis* var. *minor–flexicosta*—nomen nudum
1878c: 105 [XIX: 419]—as *Pleurotoma septangularis* var. *minor–flexicosta*—nomen nudum
1880b: 230 [XXVI: 528]—as *Bela septangularis* var. *minor–flexicosta*—nomen nudum
1884h: 126 [XXXI: 783]—available name
Type material. MCZR–M–16732—10 sh "Haedropleura flexicosta Sfax"// 32 sh "Haedropleura flexicosta Monts. Spugne di Barberia"// 9 sh "Haedropleura flexicosta Monts. Sfax"// 8 sh "Haedropleura flexicosta Monts. Sfax Spugne"// 10 sh "C. D'Afr."// 2 sh "Haedropleura flexicosta M. Sfax di Pallary".
Type locality. Described from coasts of Barberia (Tunisia).
Remarks. Recorded by MolluscaBase (2018) as *Haedropleura flexicosta* Monterosato, 1884, based on Micali (2010).

Family MANGELIIDAE

indistincta, Pleurotoma [*Mangelia striolata* Risso, 1826] (Figures 22C, D)
1875b: 43 [XIII: 269]—available name
Type material. MCZR–M–16855—2 sh "Bollet. malac. 1869 t. IV, f. 1 M. Appeliusiana Monts Mar Toscano" "Mar Toscano (Paulucci e Appelius)"// 2 sh "M. indistincta di Grecia (d. Coniminos)[sic!]" "Bull. mal. 1869 t. IV, f. 1.".
Type locality. Unspecified Mediterranean localities; off Tuscany (*M. caerulea* sensu Appelius, 1869: pl. 4 fig. 1).
Remarks. Name proposed for *Mangelia caerulans* Philippi, 1844, sensu Appelius, 1869 considered as a distinct species. Recorded by MolluscaBase (2018) as *Mangelia indistincta* (Monterosato, 1875). It is rather a synonym of *Mangelia striolata* Risso, 1826 (= *Mangelia bertrandii* (Payraudeau, 1826); see Spada & Della Bella, 2010). **[new synonymy]**

scabrida, Mangelia [*Mangelia scabrida* Monterosato, 1890] (Figures 22E, F)
1890c: 187 [XXXXVIIIc: 921]—available name
Type material. MCZR–M–16853—42 sh + 19 frg "Mangelia scabrida Monts. ms. Palermo"// 2 sh "Mangelia scabrida Monts. fondi corall. Palermo"// 6 sh "Palermo Marzo 86 Maltzan"// 4 sh "St. Raphael". Label on the bottom: "Mangelia scabrida Monts n. sp."

Type locality. Described from Palermo (Sicily), Corsica, Provence (France).
Remarks. Recorded by MolluscaBase (2018) as *Mangelia scabrida* Monterosato, 1890.

Family RAPHITOMIDAE

alternans, Philibertia [*Raphitoma alternans* (Monterosato, 1884)] (Figures 22G, H)
1884h: 133 [XXXI: 789]—available name
Type material. MCZR–M–16676—1 sh "Alternans Palerm.!"// 7 sh "P. alternans, Monts. Typica di Mondello"
Type locality. Described from Mondello and Magnisi (Sicily), Malta.
Remarks. Recorded by MolluscaBase (2018) as *Raphitoma alternans* (Monterosato, 1884). A syntype of the (sub)lot from Mondello figured by Pusateri *et al.* (2012: 49, fig. 16).

contigua, Philbertia [*Raphitoma contigua* (Monterosato, 1884)] (Figures 22I, J)
1884h: 133 [XXXI: 789]—available name
Type material. MCZR–M–16702/L—1 sh (Lectotype) "Philbertia contigua Monts. typ. Palermo!" Lectotype designated by Pusateri *et al.* (2012: 45, figs 1a–c).
MCZR–M–16702/P—1 sh (Paralectotype) "Philbertia contigua Monts. typ. Palermo!"// 3 sh (Paralectotypes) "Philibertia contigua Monts. Napoli Staz. Zool."// 3 sh (Paralectotypes) "Is. Baleari"// 2 sh (Paralectotypes) "contigua Napoli".
HUJ 8072—16 sh (Paralectotypes) "Ph. contiguaM. / Pal!" Monterosato's handwriting, (Coen coll., including 7 specimens of *R. bicolor*).
MNHN—2 sh (Paralectotypes) "Clathurella purpurea / Montagu / var. Philberti Michaud / St Lunaire/Types Moll. Rouss./ t. I pl. 14 fig. 13,14" Dautzenberg's handwriting (two specimens of *R. denseclathrata*); 1 sh (Paralectotype) "Clathurella purpurea / Montagu / var. Philberti Michaud / Roussillon / Type Moll. Rouss. / t. I pl. 14 fig. 15" Dautzenberg's handwriting (a specimen of *R. atropurpurea*).
Type locality. Palermo (Sicily). Described also from Balearic Islands, Algiers and Bona (Algeria), Messina (Sicily), Napoli (Italy) and Lipari Is.
Remarks. Based in part on *Clathurella philberti* Michaud, 1829, as misidentified by B.D.D. (1883). Paralectotypes also in MNHN (figured B.D.D. specimens) and HUJ (Coen collection). Recorded by MolluscaBase (2018) as *Raphitoma contigua* (Monterosato, 1884).

densa, Philbertia [*Raphitoma densa* (Monterosato, 1884)] (Figures 22K, L)
1884h: 133 [XXXI: 789]—available name
Type material. MCZR–M–16807—19 sh "Philbertia densa Monts. Palermo"// 1 sh "Malta (Medlycott)"
Type locality. Described from Napoli (*P. versicolor* var. *cinereo maculata* Scacchi), Sète (France), Falera (=Palaio Faliro, Greece), Corsica, Malta, Alexandria (Egypt), Livorno and Civitavecchia (Italy), Palermo and Trapani (Sicily).
Remarks. Name proposed for *Pleurotoma versicolor* var. *cinereo–maculata* Scacchi, 1836 (nomen nudum) raised to the rank of species. Recorded by MolluscaBase (2018) as *Raphitoma densa* (Monterosato, 1884). A syntype of the (sub)lot from Palermo figured by Pusateri *et al.* (2012: 49, fig. 17).

erronea, Leufroya [*Raphitoma erronea* (Monterosato, 1884)] (Figures 22M, N)
1884h: 134 [XXXI: 790]—available name
Type material. MCZR–M–16704—1 sh "Defrancia volutella Valenciennes Sardegna" (Tiberi's handwriting.)
MCZR–M–17340—1 sh "Sardegna". Label on the bottom : "Leufroya erronea, Monts. in Nom. gen. e sp. p. 126 Adr. (Stossich) Palermo (Monts)"
Type locality. Described from Corsica (France), Sardinia, Palermo to San Vito lo Capo (Sicily) and Dalmatia (Croatia).
Remarks. Name proposed to distinguish *Pleurotoma volutella* Valenciennes in Kiener, 1883 sensu auctores, considered as a distinct species. The specimen MCZR–M–16704, labeled by Tiberi, was figured as "holotype" by Pusateri & Giannuzzi-Savelli (2008: 123, fig. 15), which is not a valid designation of lectotype (ICZN, 1999: art.

74.6). Recorded by MolluscaBase (2018) as *Raphitoma erronea* (Monterosato, 1884).

hispida Cordieria [*Raphitoma hispida* (Monterosato, 1890)] (Figures 22O, P)
1890c: 187 [XXXVIII c: 921] as *C. cordieri* var. *hispida*—available name
Type material. MCZR–M–17442—2 sh "hispida Monts. Palermo comunicat." //2 sh "H. hispida, Monts. ms Palermo, profonda Si trova anche nell' " (recto); "Atlantico ad Arcachon (De Boury). (Da non confondere con hispidula, Brocc." (verso) // 1 sh "C. hispida, Monts ms".
Type locality. Described from Palermo (Sicily).
Remarks. Recorded by MolluscaBase (2018) as taxon inquirendum. We consider it as a distinct species [**new status**].

horrida, Cordieria [*Raphitoma horrida* (Monterosato, 1884)] (Figures 22Q, R)
1884h: 131 [XXXI: 787]—available name
Historical material. MCZR–M–16474—1 sh "Cordieria horrida Monts. Palermo"// 2 sh " horrida Monts. Palermo"// 1 sh "C. horrida Palermo"// 13 sh "H. horrida Monts." "H. pungens Monts. Palermo"// 3 sh "horrida major P. di Pal."// 1 sh "Corsica (Neville)"// 1 sh "Magnisi"// 4 sh "Malta"// 4 sh "C. horrida C. di Provenza"// 3 sh "C. d'Af."// 1 sh "Algeria!"// 1 sh "Sardegna"
Type locality. Described from several localities in Sicily, Malta, Corsica, Sardinia, Algiers (Algeria), coasts of Barberia (Tunisia), Adriatic Sea, Prèveza (Greece).
Remarks. Name proposed to replace *Clathurella cordieri* var. *pungens* B.D.D., 1882 ex Monterosato ms., non *Raphitoma pungens* Bellardi, 1877. The very worn figured specimen (B.D.D., 1882: 92, pl. 14 fig. 12) is the holotype (MNHN–IM–2000–3000). The material in the Monterosato collection, although of clear historical value, and useful to understand the concept of the species by Monterosato, is however not type material. Recorded by MolluscaBase (2018) as *Raphitoma horrida* (Monterosato, 1884).

laevisculpta, Taranis [*Taranis laevisculpta* Monterosato, 1880] (Figures 22S, T)
1878c: 101 [XIX: 415]—as *Taranis cirrata* var. *laevisculpta*—nomen nudum
1880c: 75 [XXVII: 559]—available name
Type material. MCZR–M–16959—3 sh "Taranis laevisculpta Monts. Boll. Malac. Ital. 1880, p. 75 Palermo 200–300 m!" "Taranis morchi Malm var. laevisculpta Palermo 210 m!"
Type locality. Described from Palermo (Sicily).
Remarks. Recorded by MolluscaBase (2018) as *Taranis laevisculpta* Monterosato, 1880.

pumila Cordieria [*Raphitoma pumila* (Monterosato, 1890)] taxon inquirendum (Figures 22U, V)
1890c: 187 [XXXVIII c: 921]—available name
Type material. MCZR–M–16774—1 sh "tipo pumila Monts. ms" "Algeria"
MCZR–M–16903—2 sh "corta ventrosa Pal."// 1 sh "Sicilia D. Di Stefano".
Type locality. Described from off Palermo ("Funnazzi"; Sicily), Lipari Is. and Algeria.
Remarks. Recorded by MolluscaBase (2018) as taxon inquirendum. Pending a revision of the Mediterranean raphitomids, we cannot decide on its status.

pupoides, Cordieria [*Raphitoma pupoides* (Monterosato, 1884)] (Figures 22W, X)
1884h: 132 [XXXI: 788]—available name
Type material. MCZR–M–16492—1 sh (Neotype of *P. rudis* Scacchi selected by Pusateri) plus other historical material: 3 sh "C. pupoides Monts C. di Provenza (Artufel) Algeria?"// 16 sh "Cordieria pupoides Monts. drag. Porto di Palermo"// 9 sh on the cap " C. di Provenza" on the label " avute come di Prov ! Alg??"// 10 sh "pupoides Monts Pal et var. pallary decolorata"// 1 sh " Cordiera pupoides Monts. Golfo di Palermo". Label on the bottom: "H. pupoides All. = rudis, Sc. vide Nomencl. gen e sp. p. 132"
Type locality. Described from Corsica, coasts of Provence (France), Palermo (Sicily).
Remarks. Name proposed to replace *Pleurotoma rudis* Scacchi, 1836 "non Brod." (= Broderip). As explained by Pusateri *et al.* (2016), Monterosato was probably mislead by *P*[*lacunanomia*]. *rudis* Broderip, 1834, a bivalve. However, the replacement name remains the valid name for this species (ICZN, 1999: Art 12.2.3) since *P. rudis*

Scacchi is anyway preoccupied by *P. rudis* Sowerby, 1834 and by *P. rudis* Philippi, 1836. The name bearing type of a replacement type is the same as the replaced nominal taxon: in this case Pusateri *et al.* (2016: 107, fig. 1), being lost the types of *P. rudis* Scacchi, have designated as neotype of *Pleurotoma rudis* Scacchi one of the specimens of *C. pupoides* of Monterosato. Recorded by MolluscaBase (2018) as *Raphitoma pupoides* (Monterosato, 1884).

radula, Cordieria [*Raphitoma radula* (Monterosato, 1884)] (Figures 23A, B)
1884h: 132 [XXXI: 788]—available name
Type material. MCZR–M–16476/L—1 sh (Lectotype) "C. Radula Pal!!" designated by Pusateri *et al.* (2016: 111, figs 16, 17).
MCZR–M–16476/P—9 sh (Paralectotypes) "C. Radula Pal!!" // 1 sh (Paralectotype) "C. radula Monts C. di Prov. Nom.Gen. e sp.". Label on the bottom "Cordieria radula, Monts. Nomencl. p. 132 Palermo"
Type locality. Palermo (Sicily). Described also from Lampedusa Is., coasts of Provence (France).
Remarks. Name proposed to replace *Pleurotoma purpurea* (Montagu, 1803) sensu Philippi, 1844, considered a distinct species. Recorded by MolluscaBase (2018) as *Raphitoma radula* (Monterosato, 1884).

SUPERFAMILY MURICOIDEA
Family CYSTISCIDAE

caelata, Marginella [*Gibberula celata* (Monterosato, 1877)] (Figures 23C, D)
1877a: 44, pl. II, fig. 3 [XV: 314, pl. V, fig. 3]—available name
Type material. HUJ—Lectotype (32430) and 3 Paralectotypes (36231), designated by van Aartsen *et al.* (1984: 83).
MCZR–M–17196/P—29 sh (Paralectotypes) "Gib. caelata Monts.= ? obovata Doderlain fossile modenese Alger! (Joly)"
MCZR–M–17216/P—3 sh (Paralectotypes)"Alger"// 4 sh (Paralectotypes) "Alger (Joly)" Joly's handwriting // 8 + 4 sh (Paralectotypes) "Algerie". Label in the bottom "Marginella caelata Monteros. Alger"
Type locality. Algiers (Algeria), in the original label.
Remarks. "M. coelata" is a subsequent misspelling. Name emended in *Gibberula celata* by Amati (1987). Recorded by MolluscaBase (2018) as *Gibberula caelata* (Monterosato, 1877).

philippii, Marginella [*Gibberula philippii* (Monterosato, 1878)] (Figures 23E, F)
1878c: 109 [XIX: 423]—available name
Type material. MCZR–M–17193—38 sh "Marginella philippi Monts. arenella Ognina"// 1sh "M. philippi Ognina"// 15 sh "G. philippii Coll. Tiberi Taranto"// 8 sh "M. philippii Monts. W. Messina"// 7 sh "G. philippii Monts. pr. Palermo!"
Type locality. Described from Sicily †, Calabria † and Apulia † (Philippi) and from Mediterranean Sea (Monterosato).
Remarks. Introduced for *Marginella minuta* Pfeiffer sensu Philippi, 1844 considered as a distinct species (thus types potentially present also in Philippi coll., but not found in Berlin: Gofas, 1990). Recorded by MolluscaBase (2018) as *Gibberula philippii* (Monterosato, 1878).

recondita, Gibberula [*Gibberula recondita* Monterosato, 1884] (Figures 23G, H)
1884h: 138 [XXXI: 794]—available name
Type material. HUJ—Lectotype (32431) and Paralectotype (36232), from Palermo, designated by van Aartsen *et al.* (1984: 87).
MCZR–M–17196/P—1 sh (Paralectotype) "C. di Prov. (Artufel)"// 7 sh (Paralectotypes) "Malta (Hagenmuller)"// 4 sh (Paralectotypes) "Is. di Lampedusa"// 1 sh (Paralectotype) "Magnisi". Label on the box bottom: "M. (Gibberula) recondita n. sp. Varie Località" "Gibb. recondita Monts. 1884 Nomencl. p. 138 Palermo!"
MCZR–M–17181/P—17 + 3 sh (Paralectotypes) "M. recondita M. Palermo"
Type locality. Palermo (Sicily). Described also from Magnisi (Sicily), Malta, Lampedusa Is., coasts of Provence (France), Algiers (Algeria).

Remarks. Recorded by MolluscaBase (2018) as *Gibberula recondita* Monterosato, 1884.

secreta, Gibberula [*Gibberula secreta* Monterosato, 1889] (Figures 23I, J)
1889d: 118 [XXXVI: 878]—available name
Type material. MCZR–M–17186/L—1 sh (Lectotype) "G. secreta Monts. ms. Casablanca (Marocco)" designated by Gofas (1990)
MCZR–M–17186/P 13 + 1 sh juv. (Paralectotypes) "G. secreta Monts. ms. Casablanca (Marocco)"// 125 sh (Paralectotypes) "Marginella secreta Tanger (Pallary) le nom s.v.p.".
Type locality. Casablanca (Morocco). Described also from Tanger and Mogador (Morocco).
Remarks. Recorded by MolluscaBase (2018) as *Gibberula secreta* Monterosato, 1889.

Family MARGINELLIDAE

ampelusica, Volvarina [*Volvarina ampelusica* Monterosato, 1906] (Figures 23K, L)
1906b: 130 [LV: 1162]—available name
Type material. BMNH, coll. Norman, ex Ponsonby—2 sh (Lectotype and Paralectotype), designated by Gofas (1989: 171).
MCZR–M–17159/P—1 sh (Paralectotype) "La più grande di Cap Spartel" // "V. Simieri, Adams Coq. Sénégal p. 79, t.5, f. 3 = M. fusca Reeve pl. 17 f. 82 fide Journ (Mogador".
Type locality. Mogador (Morocco). Described also from Cape Spartel (Morocco).
Remarks. Name introduced to distinguish the Moroccan shells previously (1889d: 118) lumped in the same species as the Senegalese *V. fusca* (Reeve) [= *Peribolus simeri* Adanson]. There is another shell in the same lot with the label reading: "V? simeri Adans. Coq. Senegal p.79, t 5, f. 3 = M. fusca, Reeve pl.17, f. 82 (Mogador) Ponsoby da cui l'ho avuta. 1886" ["…Ponsoby from whom I have received it…"]. Gofas (1989) has designated a lectotype of *V. ampelusica* from specimens labelled as *Marginella fusca* in coll. Norman ex Ponsonby (NHML). Recorded by MolluscaBase (2018) as *Volvarina ampelusica* Monterosato, 1906.

occulta, Marginella [*Granulina occulta* (Monterosato, 1869)] (Figures 23M, N)
1869c: 17, fig. 10 [III: 31, fig. 10]—available name
Type material. MNHN—Lectotype, Palermo (designated by Gofas, 1992)
MCZR–M–17212/P—5 sh (Paralectotypes) "Gibberula occulta Monts Fondo corall. Palermo"// 12 sh (Paralectotypes) "P" (Palermo on the cork cap). Label in the bottom: "M. clandestina = occulta var. obtusa M."
Type locality. Palermo (Sicily).
Remarks. Recorded by MolluscaBase (2018) as *Granulina occulta* (Monterosato, 1869).

†***ovulina, Gibberulina*** [*Granulina ovulina* (Monterosato, 1891)] (Figures 23O, P)
1891: 4 [XL: 948]—available name
Type material. MCZR–M–17197/L—1 sh (Lectotype) "G. ovulina Monts. Ficarazzi! Boll. Sic. Nat. ed Econom. di Palermo 1890 p. 4" (designated by C. Smriglio and R. La Perna, in La Perna, 1999)
MCZR–M–17197/P—147 sh (Paralectotypes) "G. ovulina Monts. Ficarazzi! Boll. Sic. Nat. ed Econom. di Palermo 1890 p. 4"
Type locality. Ficarazzi † (Sicily).
Remarks. Not recorded by MolluscaBase (2018), it is a valid fossil species.

Family MURICIDAE

brocchii, Murex [*Hadriania craticulata* Bucquoy & Dautzenberg, 1882] (Figures 24A, B)
1872a: 32 [V: 70]—available name
Type material. MCZR–M–7986—2 sh "Hadriana brocchii Monts. Marsala (Sicilia)".
Type locality. Described from Monte Pellegrino † and Ficarazzi † (Sicily) and Mediterranean Sea.

Remarks. Name introduced for *Murex craticulatus* Linnaeus, 1758 sensu Brocchi (1814) considered as a distinct species. Recorded by MolluscaBase (2018) as a synonym of *Hadriania craticulata* Bucquoy & Dautzenberg, 1882.

cyclopus, Ocinebrina (ex Benoit ms.) [*Ocenebra edwardsii* (Payraudeau, 1826)] (Figures 24C, D
1872a: 33 [V: 71]—as *M. costulatus* Nardo, 1847 nomen nudum
1872b: 48 [VI: 130]—as synonym of *M. edwardsii* Payraudeau, 1826—nomen nudum
1875b: 39 [XIII: 265]—as synonym of *M. edwardsii* Payraudeau, 1826—nomen nudum
1878c: 101 [XIX: 415]—nomen nudum
1880b: 226 [XXVI: 524]—nomen nudum
1884h: 112 [XXXI: 768]—available name
Type material. MCZR–M–30033—3 sh "M. cyclopus Ben. ms. Palermo"// 3 sh "var = M. cyclopum Benoit Palermo" Brugnone's handwrite.
Type locality. Described from coasts of Barberia (Tunisia), Liguria ('coasts of Piedmont'; Italy), Palermo (Sicily) and Algeria.
Remarks. Settepassi (1977) figured two syntypes as *Ocinebrina (Ocinebrina) cyclopus* Monterosato, 1884 (Benoit ms.). Recorded by MolluscaBase (2018) as a synonym of *Ocenebra edwardsii* (Payraudeau, 1826).

gladiolus, Epidromus [*Aspella anceps* (Lamarck, 1822)] (Figures 24E, F)
1880b: 226 [XXVI: 524]—available name
Type material. MCZR–M–8324—1 sh "Epidromus gladiolus n. sp. Alessandria (Lhotellerie)". Label on the bottom: "Epidromus gladiolus Monterosato n. sp. C. d'Africa nelle spugne"
Type locality. Described from Alexandria (Egypt).
Remarks. Gaglini (1987a) figured the specimen from Alexandria as *Epidromus gladiolus* Monterosato indicating the synonymy with *A. anceps*. Recorded by MolluscaBase (2018) as a synonym of *Aspella anceps* (Lamarck, 1822).

nicolai, Ocinebrina [*Ocenebra nicolai* (Monterosato, 1884)] (Figures 24G, H)
1884h: 112 [XXXI: 768]—available name
Type material. MCZR–M–30034—2 sh "M. nicolai Monts. Lipari Leg. Seguenza"
Type locality. Described from Corsica, Sardinia, Lipari Is.
Remarks. Settepassi (1977) figured syntypes as *Ocinebrina (Ocinebrina) nicolai* Monterosato. Recorded by MolluscaBase (2018) as *Ocenebra nicolai* (Monterosato, 1884).

panormitana, Pyrula [*Coralliophila panormitana* (Monterosato, 1869)] (Figures 24I, J)
1869c: 17, fig. 9, 9a [III: 31, fig. 9, 9a]—available name
Type material. MCZR–M–8032—3 sh "Pyrula panormitana, Monts. Test. nuovi dei mari di Sicilia 1869 p. 17 f. 9, 9ª (Palermo)" // "Pseudomurex = Pyrula Panormitana, Monts. Palermo!"
Type locality. Described from Palermo (Sicily).
Remarks. Recorded by MolluscaBase (2018) as *Coralliophila panormitana* (Monterosato, 1869).

SUBCLASS HETEROBRANCHIA
SUPERFAMILY ACTEONOIDEA
Family ACTAEONIDAE

candidulus, Acteon [*Acteon tornatilis* (Linnaeus, 1758)] (Figures 24K, L)
1923: 12 [LXVIII: 1317]—available name
Type material. MCZR–M–16053—2 sh "*Acteon candidulus*, Monts. n. sp. Bengasi!".
Type locality. Described from coasts of Cirenaica (Libya).
Remarks. Smriglio & Mariottini (1996: 189, 191; 190, figs 17a–18b) and Oliverio & Tringali (2001: 127; 124, fig. 4; 125, fig. 11) already examined the couple of very worn shells that constitute the type material kept in the Monterosato collection. Both works considered *Acteon candidulus* a junior synonym of *Acteon tornatilis*

(Linnaeus, 1758). Subsequently figured (1917, fig. 17) Recorded by MolluscaBase (2018) as a synonym of *Acteon tornatilis* (Linnaeus, 1758).

SUPERFAMILY ARCHITECTONICOIDEA
Family ARCHITECTONICIDAE

actoni, Pseudomalaxis [*Pseudomalaxis zanclaeus* (Philippi, 1844)] (Figures 24M, N)
1913: 362, 363, 3 unnumb. figs [LIX: 1226, 1227, 3 unnumb. figs]—available name
Type material. MCZR–M–21851—1 sh "Omalaxis zancleus, Ph. Sardegna Esemplare grande" "Esemplare figurato" + 1 sh "Omalaxis zanclea (Bifrontia) Phil. Algeri es. più piccolo"
Type locality. Described from Napoli (Italy), Palermo (Sicily), Sardinia and Algeria.
Remarks. Name proposed to distinguish the Recent species from the fossil *Bifrontia zanclaea* Philippi, 1844, considered as distinct species. Recorded by MolluscaBase (2018) as *Pseudomalaxis zanclaeus* (Philippi, 1844).

centrifuga, Pseudomalaxis [*Spirolaxis centrifuga* (Monterosato, 1890)] (Figures 24O, P)
1890b: 161 [XXXVIII b: 909]—available name
Type material. MCZR–M–30035—2 sh "Madeira".
Type locality. Described from Madeira.
Remarks. Name introduced to distinguish *Bifrontia zanclaea* Philippi, 1844 sensu McAndrew (1852), considered as a distinct species. Subsequently figured (1913: 363, 1 unnumb. fig.), see also Smriglio *et al.* (1990). Recorded by MolluscaBase (2018) as *Spirolaxis centrifuga* (Monterosato, 1890).

mediterraneum, Solarium [*Basisulcata lepida* (Bayer, 1942)] (Figures 25A, B)
1872a: 31 [V: 69]—nomen nudum
1873a: 6, figs 8, 9 [VII: 150, 161, figs 8, 9]—available name
Type material. MCZR–M–21814—1 sh "S. perspectiviforme (pseudoperspectivum) Sardegna" Tiberi ms– // "Solarium mediterraneum Monts. = S. pulchellum Tib. Ined. Monts. Monog. Sol. Med. p. 6, f. 8–9. Catania (Coll. Biondi)"
Type locality. Described from Catania, Acitrezza and Palermo (Sicily), Napoli and Taranto (Italy), Sardinia, Algeria, Canary Island.
Remarks. Taxon introduced for *Solarium pseudoperspectivum* Brocchi, 1814 sensu Philippi, 1844. Recorded by MolluscaBase (2018) as a synonym of *Basisulcata lepida* (Bayer, 1942).

SUPERFAMILY CIMOIDEA
Family CIMIDAE

gracilis, Cioniscus (ex Jeffreys ms.) [*Graphis gracilis* (Monterosato, 1874, ex Jeffreys ms.] (Figures 25E, F)
1874a: 264 [X: 190]—available name
Type material. MCZR–M–23933—1 sh "Cioniscus gracilis Jeffr. S. Vito! Agosto 73".
Type locality. Described from San Vito lo Capo (Sicily).
Remarks. Recorded by MolluscaBase (2018) as *Graphis gracilis* (Monterosato, 1874).

SUPERFAMILY MATHILDOIDEA
Family MATHILDIDAE

coronata, Mathilda [*Mathilda coronata* Monterosato, 1875] (Figures 25C, D)
1875c: 12 [XIV: 288]—available name
Type material. MCZR–M–21451—2 sh "Mathilda—1875—coronata Monts vd. Poche note p. 12 Sciacca!"
Type locality. Described from off Sciacca (Sicily).
Remarks. Recorded by MolluscaBase (2018) as *Mathilda coronata* Monterosato, 1875.

SUPERFAMILY MURCHISONELLOIDEA
Family MURCHISONELLIDAE

gradata, Odostomia (Eulimella) [*Ebala gradata* (Monterosato, 1878)]
1878b: 318 [XXI: 458]—as *Odostomia* (*Eulimella*) *pointeli* var. *gradata*—available name
Type material. Not found
Type locality. Described from Algiers (Algeria).
Remarks. Recorded by MolluscaBase (2018) as *Ebala gradata* (Monterosato, 1878).

macilenta, Odostomia [*Ebala striatula* (Jeffreys, 1856)] (Figures 27G, H)
1875b: 34 [XIII: 260] as *Odostomia debilis* available name
1878c: 95 [XIX: 409]—available name
Type material. MCZR–M–23895—1 sh "Eulimella macilenta = E. debilis Monts. (non Pease)" (recto), "O.(Eulimella) debilis Monterosato Palermo!" (verso)// 1 sh "Alger (Joly)"
Type locality. Described from Algiers (Algeria) and Palermo (Sicily).
Remarks. Nomen novum pro *Odostomia debilis* Monterosato, 1875 not Pease, 1868. Recorded by MolluscaBase (2018) as a synonym of *Ebala striatula* (Jeffreys, 1856).

SUPERFAMILY OMALOGYROIDEA
Family OMALOGYRIDAE

fischeriana, Omalogyra [*Ammonicera fischeriana* (Monterosato, 1869)] (Figures 25G, H)
1869b: 274, pl. XIII, fig. 1) [II: 8, 13, fig. 1]—available name
Type material. MCZR–M–22090—1 sh "Homalogyra fischeriana Monts." "Ognina".
Type locality. Described from Ognina (Sicily).
Remarks. Recorded by MolluscaBase (2018) as *Ammonicera fischeriana* (Monterosato, 1869).

polyzona, Omalogyra (ex Brusina ms.) [*Omalogyra simplex* (O.G. Costa, 1861)] (Figures 25I–K)
1872b: 38 [VI: 120]—as synonym of *O. atomus* (Philippi, 1844)—unavailable
1875b: [XIII: 255]—nomen nudum
1878c: [XIX: 402]—nomen nudum
1884f: [XXX: 636]—nomen nudum
1884h: 117 [XXXI: 733]—available name
Type material. MCZR–M–22093—4 sh "Homalogyra Polyzona Brus. ms. Isola Ulbo."// 1 sh "Mondello nella corallina officinalis"// 11 sh "Palermo"// 13 sh "Palermo" "H. polyzona Brus. ms.".
Type locality. Described from Ulbo Is. (Croatia), coasts of Provence (France), Mondello and Palermo (Sicily).
Remarks. It is currently considered (Gaglini, 1993; MolluscaBase, 2018) as a synonym of *O. simplex* (O.G. Costa, 1861). The first uses by Monterosato (1872b; 1875b; 1878c; 1884f) of the epithet *polyzona* were all *nomina nuda*. B.D.D. (1884 [September]: 325, pl. 37, fig. 32) first described it, whereas Monterosato (1884h) was published without a precise date, and thus December 31st is assumed. Therefore, the introduction by B.D.D. has priority over that by Monterosato (both being however available).

SUPERFAMILY PYRAMIDELLOIDEA
Family PYRAMIDELLIDAE

acutissima, Turbonilla [*Turbonilla acutissima* Monterosato, 1884] (Figures 26A, B)
1884h: 92 [XXXI: 748]—available name
Type material. MCZR–M–23920—1 sh "Turb. acutissima Monts Algeri!!"// 7 sh "Algeri (Joly)!". Label on the bottom: "Turb. acutissima Monts. Alger (Joly)"
Type locality. Described from Algiers (Algeria) and Cagliari (Sardinia).

Remarks. A further syntype also from Algiers (ex Monterosato, Joly legit), is at NHML (van Aartsen, 1981: 77, 85, fig. 24). Recorded by MolluscaBase (2018) as *Turbonilla acutissima* Monterosato, 1884.

amoena, Odostomia [*Turbonilla amoena* (Monterosato, 1878)] (Figures 26C, D)
1875b: 33 [XIII: 259] as *Odostomia venusta*—available name
1878c: 94 [XIX: 408]—available name
Type material. MCZR–M–23912/L—1 sh (Lectotype) "O. (Turb.ª) amoena Monts.= O.(Turb.ª) venusta, Monts. (non Issel) Pal. 220 m!" designated by Carrozza & Nofroni (1993: 98, fig. 2)
MCZR–M–23912/P—9 sh (Paralectotypes) + 7 fgr "O. (Turb.ª) amoena Monts.= O.(Turb.ª) venusta, Monts. (non Issel) Pal. 220 m!"
Type locality. Palermo (Sicily). Described also from Algeria.
Remarks. Nomen novum pro *Odostomia venusta* Monterosato, 1875, not *Turbonilla venusta* A. Issel, 1869 (secondary homonyms). Recorded by MolluscaBase (2018) as *Turbonilla amoena* (Monterosato, 1878).

angulosa, Pyrgulina [*Parthenina angulosa* (Monterosato, 1889)] (Figures 26E, F)
1889c: 37 [XXXV: 869]—available name
Type material. MCZR–M–23845—1 sh "Villafranca 1884 Peringiella n.sp."// 3 sh "Pyrgulina angulosa n.sp. Alger (Joly) e Palermo". Label on the bottom: "P. angulosa, Monts ms Villafranca, Palermo (Monts) Alger (Joly)".
Type locality. Described from Casablanca (Morocco), Algiers (Algeria), Villefranche-sur-Mer (France), Palermo (Sicily).
Remarks. Recorded by MolluscaBase (2018) as *Parthenina angulosa* (Monterosato, 1889).

brevicula, Pyrgulina [*Parthenina monterosatii* (Clessin, 1900)] (Figures 26G, H)
1878c: 93 [XIX: 407]—sub *Odostomia*—nomen nudum
1884h: 88 [XXXI: 744] sub *Pyrgulina*—available name
Type material. MCZR–M–23833—3 sh "Pyrgulina brevicula Monts Viareggio". Label on the bottom: "O. (Pyrgulina) brevicula Monts. Varie località!".
Type locality. Described from Livorno, Viareggio, Napoli and Vado (Italy), Messina and Palermo (Sicily), Toulon (France) and Algiers (Algeria).
Remarks. It was replaced by Clessin (1900 [1899–1902]) with *Parthenia monterosatii* due to a secondary homonymy with *Odostomia brevicula* Jeffreys, 1883. Recorded by MolluscaBase (2018) as a synonym of *Parthenina monterosatii* (Clessin, 1900).

†*bulimulus, Odostomia* [*Odostomia bulimulus* Monterosato, 1874 ex Brugnone ms.] (Figures 26I, J)
1874a: 268 [X: 194]—available name
Type material. MCZR–M–23772—1 sh "Odosto. bulimulus M. Ficarazzi" [ex Brugnone collection]
Type locality. Described from Ficarazzi † (Sicily).
Remarks. Nomen novum pro *Odostomia bulimoides* Brugnone, 1873 non Souverbie, 1865. The shell at MCZR is the type of Brugnone. Recorded by MolluscaBase (2018) as *Odostomia bulimulus* Monterosato, 1874.

commutata, Eulimella [*Eulimella acicula* (Philippi, 1836)]
1884h: 98 [XXXI: 754]—available name
Type material. Type material not found in Philippi collection (Coan & Kabat, 2017).
Type locality. Described from Palermo † (Philippi; Sicily) and coasts of Provence (France).
Remarks. Unnecessary replacement name for *Melania acicula* Philippi, 1836 (*Eulimella*) non *Auricula acicula* Lamarck, 1815 now in *Puposyrnola*. Recorded by MolluscaBase (2018) as a synonym of *Eulimella acicula* (Philippi, 1836).

delicata, Odostomia [*Turbonilla acuta* (Donovan, 1804)] (Figures 26K, L)
1874a: 267 [X: 193]—available name
Historical material. MCZR–M–23860—2 sh "O. (Turbonilla) delicata, Monts = Chemnitzia gracilis Ph. (non Brocchi) varie località." "P" (Palermo) on the cork cap

Type locality. Described from San Vito lo Capo (Sicily).
Remarks. Nomen novum pro *Chemnitzia gracilis* Philippi, 1844 (*Turbonilla*) not *Turbo gracilis* Brocchi, 1814 (*Turbonilla*). Recorded by MolluscaBase (2018) as a synonym of *Turbonilla acuta* (Donovan, 1804).

dilucida, Auriculina [*Ondina dilucida* (Monterosato, 1884)] (Figures 26M, N)
1878c: 92 [XIX: 406]—nomen nudum
1884h: 97 [XXXI: 753]—available name
Type material. MCZR–M–23827—7 sh "Magnisi"// 4 sh "Algeri". Label in the box bottom "Ondina dilucida Monts. (Auriculina) in Nom. gen. e sp. p. 98 varie località"
Type locality. Described from Palermo, Trapani and Magnisi (Sicily), Algiers (Algeria).
Remarks. Previously considered as first introduced in Monterosato (1885b: 651), erroneously dated to 1884; in fact, the oldest description is Monterosato (1884h). Recorded by MolluscaBase (2018) as *Ondina dilucida* (Monterosato, 1884).

elegans, Odostomia [*Ondina vitrea* (Brusina, 1866)] (Figures 26O, P)
1869c: 12, unnumb. pl., fig. 6 [III: 26, 33, fig. 6]—available name
Type material. MCZR–M–23817—1 + 1 sh "Mondello"
Type locality. Described from Mondello and Palermo (Sicily).
Remarks. Recorded by MolluscaBase (2018) as a synonym of *Ondina vitrea* (Brusina, 1866).

flexuosa, Odostomia [*Parthenina flexuosa* (Monterosato, 187 4 ex Jeffreys ms.)] (Figures 26Q, R)
1874: 267 [X: 193]—available name
Type material. MCZR–M–23811/L—1 sh (Lectotype) "O. (Pyrgulina) flexuosa Jeffr. Pal." selected by Micali, Nofroni & van Aartsen (1993: 148 fig. 1)
MCZR–M–23811/P—76 sh (Paralectotypes) "O. (Pyrgulina) flexuosa Jeffr. Pal."
Type locality. Palermo (Sicily).
Remarks. Recorded by MolluscaBase (2018) as *Parthenina flexuosa* (Monterosato, 1874).

***fusulus, Odostomia* (*Auriculina*)** [*Auristomia fusulus* (Monterosato, 1878)] (Figures 26S, T)
1878a: 316 [XXI: 456]—available name
Type material. MCZR–M–23867—4 sh "Odostomia (Auriculina) fusulus Mts Alger" Joly's handwriting, "Alger! (Joly)" Label in the box bottom "Auristomia fusulus Monts. Jour. Conchyl. 1878 p. 316. Varie località"
Type locality. Described from Algiers (Algeria), Sicily, and coasts of Provence (France).
Remarks. Recorded by MolluscaBase (2018) as *Auristomia fusulus* (Monterosato, 1878).

ignorata, Auristomia [*Auristomia ignorata* Monterosato, 1917] (Figures 26U, V)
1917: 17, pl. I, fig. 12 [LXVII: 1291, 1305, fig. 12]—available name
Type material. MCZR–M–23735/L –1 sh (Lectotype) "A. ignorata M. Boll. Soc. Zool. V. III p. 17" designated by Gaglini (1991).
MCZR–M–23735/P—18 sh (Paralectotypes) "A. ignorata M. Boll. Soc. Zool. V. III p. 17"
Type locality. Zuara (Libya).
Remarks. Recorded by MolluscaBase (2018) as *Auristomia ignorata* Monterosato, 1917.

innovata, Turbonilla [*Turbonilla pumila* G. Seguenza, 1876] (Figures 27A, B)
1884h: 92 [XXXI: 748]—available name
Type material. MCZR–M–30037—5 sh + 4 frg "T. innovata, Monts. (nom. Emend.) = T. pusilla Jeffreys" "Magnisi"
Type locality. Described from Great Britain, Palermo and Magnisi (Sicily) and San Pietro Is. (Sardinia).
Remarks. Name introduced for *Chemnitzia pusilla* Philippi, 1844 sensu Jeffreys (1862–1869). Recorded by MolluscaBase (2018) as a synonym of *Turbonilla pumila* G. Seguenza, 1876.

intermixta, Pyrgulina [*Parthenina monozona* (Brusina, 1869)] (Figures 27C, D)
1885b: 81 [XXXI: 645]—available name
Historical material. MCZR–M–23844—6 sh "P. intermixta Monts. d'Algeria! (Pallary)"
Type locality. Described from Mediterranean Sea.
Remarks. Unnecessary replacement name for *Odostomia jeffreysi* B.D.D., 1883 not *Odostomia jeffeysiana* (G. Seguenza ms. in Monterosato, 1884) (the two names were and are not homonyms). Recorded by MolluscaBase (2018) as a synonym of *Parthenina monozona* (Brusina, 1869) (see also Micali *et al.*, 2015).

jeffreysiana, Trabecula [*Trabecula jeffreysiana* Monterosato, 1884 ex G. Seguenza ms.] (Figures 27E, F)
1872b: 41 [VI: 123]—as *Odostomia clathrata* Jeffreys, 1848 var.—nomen nudum
1875b: 32 [XIII: 258]—as *Odostomia jeffreysiana*—nomen nudum
1878c: 93 [XIX: 407]—as *Odostomia jeffreysiana*—nomen nudum
1884h: 86 [XXXI: 742]—as *Trabecula jeffreysiana*—available name
Type material. MCZR–M–23737—4 sh "O.(Pyrgulina) jeffreysiana Seg. Palermo!"
Type locality. Described from Palermo and, Trapani (Sicily).
Remarks. Type species by monotypy of the genus *Trabecula* Monterosato, 1884. Recorded by MolluscaBase (2018) as *Trabecula jeffreysiana* Monterosato, 1884.

mediterranea, Pyramidella [*Tiberia mediterranea* (Monterosato, 1880)] (Figures 27I, J)
1878c: 91 [XIX: 405]—nomen nudum
1880b: 224 [XXVI: 522]—available name
Type material. MCZR–M–23653—2 sh "Pyramidella mediterranea Monts".
Type locality. Described from coasts of Africa.
Remarks. Accepted by Giannuzi–Savelli *et al.* (2014) and recorded by MolluscaBase (2018) as *Tiberia minuscula* (Monterosato, 1880). However, *T. mediterranea* differs from *T. minuscula* in its smaller apex, and the larger size (almost twice with the same number of whorls). Therefore, we keep the two species as distinct [**new status**].

micans, Odostomia [*Turbonilla micans* (Monterosato, 1875)] (Figures 27K, L)
1875b: 33 [XIII: 259]—available name
Type material. MCZR–M–23914/L—1 sh (Lectotype) "O.(Turbonilla) micans Monts 1875 Palermo 210 metri!" designated by Gaglini (1992a: 163–164 fig. 150).
MCZR–M–23914/P—17 sh (paralectotypes) "O.(Turbonilla) micans Monts 1875 Palermo 210 metri!"
Type locality. Palermo (Sicily).
Remarks. Recorded by MolluscaBase (2018) as *Turbonilla micans* (Monterosato, 1875).

minuscula, Pyramidella **[***Tiberia minuscula* (Monterosato, 1880)] (Figures 27M, N)
1872b: 40 [VI: 122]—nomen nudum
1874a: 265 [X: 191]—nomen nudum
1875b: 5 [XIII: 231]—nomen nudum
1875b: 31 [XIII: 257]—nomen nudum
1878c: 91 [XIX: 405]—nomen nudum
1880b: 224 [XXVI: 522]—available name
Type material. MCZR–M–23653—4 sh "S. Vito"// 3 sh + frg "P" (Palermo) on the cork cap. Label on the bottom: "Pyramidella (Tiberia) minuscola, Monts Palermo e S. Vito!"
Type locality. Described from coasts of Algeria, and Messina, Palermo and San Vito lo Capo (Sicily).
Remarks. Recorded by MolluscaBase (2018) as *Tiberia minuscula* (Monterosato, 1880).

modiola, Auriculina [*Ondina modiola* (Monterosato, 1884)] (Figures 27O, P)
1884h: 98 [XXXI: 754]—available name
Type material. MCZR–M–23823—1 sh "Phalard e Morlet" "Ondina modiola (Auriculina) in Nomencl. gen. e sp. 98 1884 Magnisi 1882".
Type locality. Described from Magnisi (Sicily).

Remarks. Gaglini (1992a: 161 fig. 174) designated as 'lectotype' a shell from Algiers, whereas Monterosato reported only Magnisi as locality: this designation is thus, invalid. Recorded by MolluscaBase (2018) as *Ondina modiola* (Monterosato, 1884).

***multilirata, Odostomia* (*Turbonilla*)** [*Turbonilla multilirata* (Monterosato, 1875)] (Figures 27Q, R)
1875b: 33 [XIII: 259]—available name
Type material. MCZR–M–23805—1 sh "O.(Turbonilla) multilirata, Monts 1875. Pal. e S. Vito!"
Type locality. Described from Palermo (Sicily).
Remarks. Recorded by MolluscaBase (2018) as *Turbonilla multilirata* (Monterosato, 1875).

nanodea, Odostomia [*Parthenina juliae* (de Folin, 1872)] (Figures 27S, T)
1878b: 317 [XXI: 457]—available name
Type material. MCZR–M–23699/L—1 sh (Lectotype) "Palermo" designated by Micali, Nofroni & van Aartsen (1993: 150 fig. 3)
MCZR–M–23699/P—2 sh (Paralectotypes) "Palermo"// 2 sh (Paralectotypes) "Palermo". Label on the bottom: "Pyrgulina nanodea Monts typ. très–rare Palermo profond."
Type locality. Palermo (Sicily). Described also from coasts of Algeria.
Remarks. Recorded by MolluscaBase (2018) as a synonym of *Parthenina juliae* (de Folin, 1872).

rosea, Odostomia [*Pyrgolidium internodulum* (S.V. Wood, 1848)] (Figures 27U, V)
1877a: 40, pl. III, fig. 1 [XV: 310, 322, fig. 1]—available name
Type material. MCZR–M–23909/L—1 sh (Lectotype) "Turbonilla rosea Monteros. 2 Alger" (Joly's handwriting) designated by Carrozza & Nofroni (1993: 100, fig. 5).
MCZR–M–23909/P—4 sh (Paralectotypes) "O.(Turb.ª) internodular? S. Wood. = O.(Turb.ª) rosea Monts nome proposto Magnisi (Brugnone) Alger (Joly)"
Type locality. Algiers (Algeria). Described also from, Bona, Djidjelli (ancient name of Jijel) (Algeria), and Sicily.
Remarks. Name proposed to distinguish the Recent form from *Odostomia internodula* (S.V. Wood, 1848), fossil of Crag. Recorded by MolluscaBase (2018) as a synonym of *Pyrgolidium internodulum* (S.V. Wood, 1848).

scandens, Auriculina (ex Brugnone ms.) [*Ondina warreni* (Thompson, 1845)] (Figures 28A, B)
1884h: 97 [XXXI: 753]—available name
Type material. MCZR–M–23814—2 sh "O. scadens Trapani"// 1 sh "Auriculina scandens M. Trap." Brugnone's handwriting. Label on the bottom: "Ondina Scadens, Brugnone apud Monterosato Nom. gen. et sp. p. 97"
Type locality. Described from Magnisi, Arenella and Milazzo † (Sicily), Taranto (Italy), Marseille (France), Prèveza (Greece), Melada Is. (Croatia), Algiers, Mustapha (Algeria).
Remarks. Recorded by MolluscaBase (2018) as a synonym of *Ondina warreni* (Thompson, 1845).

sigmoidea, Odostomia [*Strioturbonilla sigmoidea* (Monterosato, 1880)] (Figures 28C, D)
1880c: 71 [XXVII: 555]—available name
Type material. MCZR–M–23717—1 sh decollated + 1 sh "O. (Pyrgulina) sigmoidea Monts n. sp. inedita Alger (Joly)".
Type locality. Described from Algiers (Algeria), Bay of Tangier (Morocco).
Remarks. Recorded by MolluscaBase (2018) as *Strioturbonilla sigmoidea* (Monterosato, 1880).
spectabilis, Pyrgostelis [*Pyrgiscus spectabilis* (Monterosato, 1884)] taxon inquirendum
1884h: 90 [XXXI: 746]—available name
Type material. Not found
Type locality. Described from Prèveza (Greece).
Remarks. Recorded by MolluscaBase (2018) as a synonym of *Pyrgiscus rufus* (Philippi, 1836). However, Monterosato compared it with *P. rufus* for the coloration, but highlighted the diagnostic subsutural band, the less acute outline, the convex whorls, and the polished and transparent shell. We prefer to provisionally regard it as a nomen dubium [**new status**] since it may prove a distinct species, recalling *Pyrgiscus abrardi* (Fischer–Piette & Niclès, 1946).

subulina, Turbonilla [*Turbonilla subulina* Monterosato, 1889] (Figures 28E, F)
1889d: 38 [XXXVI: 870]—available name
Type material. MCZR–M–23851—1 sh "Mogador". Label on the bottom: "T. subulina, Monts Journ. Conchyl. 1889 p. 38. Tipo anche Tangeri Pallary"
Type locality. Described from Mogador (Morocco).
Remarks. Recorded by MolluscaBase (2018) as *Turbonilla subulina* Monterosato, 1889. Pallary (1920: pl. 1 fig. 14) figured under this name a different species, similar to *T. acuta* (Donovan, 1804)

***superflua, Odostomia* (*Eulimella*)** [*Eulimella superflua* (Monterosato, 1875)] 'nomen dubium'
1875b: 34 [XIII: 260]—available name
Type material. Not found—The box contains only the label: "Eul. superflua Monts Palermo 210 m. Vide Conch. profondità in Boll. Malac. Ital. p. 22".
Type locality. Described from Palermo (Sicily).
Remarks. Recorded by MolluscaBase (2018) as nomen dubium.

turriculata, Odostomia [*Odostomia turriculata* Monterosato, 1869] (Figures 28G, H)
1869c: 11, fig. 5 [III: 25, fig. 5]—available name
Type material. MCZR–M–23645—1 sh "Od. turriculata Monts in Test. nuovi p. 11 f. 5 Tipo Ognina!".
Type locality. Described from Ognina near Catania (Sicily).
Remarks. Recorded by MolluscaBase (2018) as *Odostomia turriculata* Monterosato, 1869.

SUPERFAMILY RINGICULOIDEA
Family RINGICULIDAE

conformis, Ringicula [*Ringicula conformis* Monterosato, 1877] (Figures 28I, J)
1875b: 45 [XIII: 271]—as *Ringicula auriculata* var. *conformis*—nomen nudum
1877a: 44, pl. II, fig. 4 [XV: 314, pl. V, fig. 4]—available name
Type material. MCZR–M–16280—5 sh "Algiers (Joly) form 1ª"// 2 sh "Algiers (Joly) forma 2ª"// 7 sh and several fragments, "R. conformis v. eburnea M. Palermo!". Labels on box bottom: "Ringiculella , Sacco, R. conformis ed altre sp. Cat. 1875 (Monts.), "R. conformis typ. foss. Ficarazzi Palermo S. Vito et var. eburnea et semicostata Malaga (Prieto) Provenza (Sollier) Sardegna Cagliari (Fra Piero) Tiberi, Madera (Watson come R. _), Corfù (Chaster) Algeria, Toscana".
Type locality. Described from Mediterranean Sea.
Remarks. Detailed discussion of this species and its type material can be found in Oliverio & Tringali (2001: 124, figs 1a–b; 125, figs 12a–b, 13–15; 126, figs 20–22, 24–25), who also stressed the distinction from *Ringicula auriculata* (Ménard de la Groye, 1811), on protoconch and teleoconch characters. Recorded by MolluscaBase (2018) as *Ringicula conformis* Monterosato, 1877.

SUPERFAMILY RISSOELLOIDEA
Family RISSOELLIDAE

inflata, Hela [*Rissoella inflata* (Monterosato, 1880)] (Figures 28K, L)
1872b: 38 [VI: 120]—as *Jeffreysia inflata*—nomen nudum
1875b: 29 [XIII: 255]—as *Jeffreysia inflata*—nomen nudum
1878c: 87 [XIX: 401]—as *Jeffreysia inflata*—nomen nudum
1880c: 67 [XXVII: 551]—as *Hela inflata*—available name
Type material. MCZR–M–21847—2 sh "Messina (Granata)"// 1 sh "S. Vito"// 2 sh "Trapani!!"// 6 sh "Messina"// 17 sh "Palermo"// 2 sh "Hela inflata Palermo"
MCZR–M–21845—23 sh "Jeffr. inflata M. Palermo"// 9 sh "Palermo"// 4 sh "Trapani!!"
Type locality. Described from Palermo, Trapani, San Vito lo Capo and Messina (Sicily), Alexandria (Egypt) and Mediterranean Sea.

Remarks. Recorded by MolluscaBase (2018) as *Rissoella inflata* (Monterosato, 1880).

SUPERFAMILY VALVATOIDEA
Family HYALOGYRINIDAE

pellucida, Skenea [*Xenoskenea pellucida* (Monterosato, 1874)] (Figures 28M, N)
1874a: 263 [X: 189]—available name
Type material. MNHN—Lectotype, designated by Gofas (1983: 232, fig. 8) from a lot including also paralectotype(s).
MCZR–M–22108/P—7 sh (Paralectotypes) "Skenea pellucida mihi ms 1868 Palermo"// 2 sh (Paralectotypes)"San Vito"// 4 sh (Paralectotypes) "Arenella"// 10 sh (Paralectotypes) "Sk. pellucida = helicina Magnisi"// 1 sh (Paralectotypes)"Milazzo"// 8 sh (Paralectotypes) "Sk. pellucida = helicina Arenella!" // 6 sh (Paralectotypes) "Ognina! Sic."// 4 sh (Paralectotypes) "Mondello"// 3 sh (Paralectotypes) "Aci trezza Sic. Skenea pellucida"// 1 sh (Paralectotype) "Trapani "
Type locality. Palermo (Sicily). Described also from San Vito lo Capo, Ognina and Magnisi (Sicily) and Napoli (Italy).
Remarks. The samples at MCZR are all paralectotypes. Recorded by MolluscaBase (2018) as *Xenoskenea pellucida* (Monterosato, 1874).

Family TJAERNOEIIDAE

imperspicuus, Adeorbis [*Tjaernoeia imperspicua* Monterosato, 1875] (Figures 28O, P)
1875b: 36 [XIII: 262]—available name
Type material. MCZR–M–30038—10 sh "Adeorbis imperspicuus Monts. Palermo 30—90 m!"
Type locality. Described from Palermo (Sicily).
Remarks. *Adeorbis imperspicuus* Monterosato, 1875 is recorded as nomen nudum in MolluscaBase (2018) giving validity to *Tjaernoeia exquisita* (Jeffreys, 1883). However, the original description of Monterosato is fully diagnostic ["Palermo 90–110 m! Rassomigliante in piccolo all'*A. pulchralis*, S. Wood, fossile del Crag."—"Palermo 90–110 m! Resembling a miniature of *A. pulchralis*, S. Wood, fossil from the Crag."], and this must be the name for the species [**new status**].

"OPISTHOBRANCHIA"

The taxon Opisthobranchia P. Fischer, 1883, has been undergoing a constant critical revision during its history. In recent years there is increasing evidence that it will not survive the molecular revolution in molluscan systematics (Wägele *et al.*, 2014), so that informal names as "sea slugs" may be provisionally adopted to refer to most "opisthobranch" taxa (e.g. Crocetta *et al.*, 2015). Here, however, listing the material under "Opisthobranchia" is also convenient to follow the survey on the Monterosato material already provided by Oliverio & Tringali (2001).

ORDER CEPHALASPIDEA
SUPERFAMILY PHILINOIDEA
Family COLPODASPIDIDAE

quadrata, Amphisphyra [*Colpodaspis pusilla* M. Sars, 1870] (Figures 29A, B)
1874a: 280 [X: 206]—available name
Type material. MCZR–M–16129—11 sh, more or less damaged "Amphisphyra quadrata Monts Pal. e S. Vito!" // 1 sh + 1 frg "S. Vito"
Type locality. Described from San Vito lo Capo and Palermo (Sicily).
Remarks. Regarded as a synonym of *Colpodaspis pusilla* M. Sars, 1870, by both Lemche (1948: 40) and Oliverio

& Tringali (2001: 129; 124, fig. 10, 125, figs 17–19). As noticed by the latter, "*Diaphana quadrata* (Monterosato, 1874)" sensu Nordsieck (1972: 25; 235, fig. 4) does not seem to belong to the present species. The drawing by Nordsieck seems to fit an undescribed species of the genus *Diaphana* T. Brown, 1827, figured by Oliverio (2000: 47, fig. 12) and currently in study by one of us (LPT). Recorded by MolluscaBase (2018) as a synonym of *Colpodaspis pusilla* M. Sars, 1870.

Family PHILINIDAE

intricata, Philine [*Philine intricata* Monterosato, 1884] (Figures 29C, D)
1875b: 47 [XIII: 273]—nomen nudum
1878c: 111 [XIX: 425]—nomen nudum
1878b: 319 [XXI: 459]—nomen nudum
1884h: 147 [XXXI: 803]—available name
Type material. MCZR–M–16301—28 sh + frg "Philine intricata, Monts. Palermo!".
Type locality. Described from Palermo, Trapani and Messina (Sicily), Algiers (Algeria).
Remarks. Giannuzzi–Savelli & Piani (1990: 173) overlooked the valid introduction of the name in Monterosato (1884h), by means of a description. The material of *P. intricata* in the Monterosato collection was examined by Gaglini (1991: 12; 20, unnumbered figs). The species was also treated by van der Linden (1994), Oliverio & Tringali (2001: 135; 124, figs 8a–c; 134, figs 59–60), and Tringali (2001: 216–217, figs 33, 41; 218, figs 48, 49a–b). Its shell is characterised among the Eastern Atlantic–Mediterranean philinds by the strong columellar fold. A strong fold is also displayed by *Philine angulata* Jeffreys, 1867, the latter being otherwise readily distinct by its general shape. Tringali (2001: 216, fig. 41) found a gizzard plate in a partially preserved specimen. Recorded by MolluscaBase (2018) as *Philine intricata* Monterosato, 1884.

monterosati, Philine [*Philine monterosati* Monterosato, 1874 ex Jeffreys ms.] (Figures 30A, B)
1874a: 281 [X: 207]—available name
Type material. MCZR–M–16303—4 sh mostly damaged + several frg "Philine monterosati Jeffr. Palermo!!" // 1 sh "monterosati Pal.!!". Label on the bottom: "Philine monterosati Jeffr. ms. 90–210!!" and a note on the cork cap "P. 1874".
Type locality. Described from San Vito lo Capo and Palermo (Sicily).
Remarks. The species was discussed by Bouchet (1975: 356–358, figs 19A–D, pl. 4 fig. j) and by Oliverio & Tringali (2001: 137–138; 124, figs 5a–d; 136, figs 65a–f, 66, 67, 69, 70, 71a–d; 138, figs 72a–j), who provided data and a rich iconography. The latter work examined and discussed the whole *P. monterosati* material stored in the collection, documenting the type material. We refer to it for more details. Recorded by MolluscaBase (2018) as *Philine monterosati* Monterosato, 1874.

striatula, Philine [*Philine striatula* Monterosato, 1874 ex Jeffreys ms.] (Figures 31A, B)
1872b: 55 [VI: 137]—nomen nudum
1874a: 281 [X: 207]—available name
Type material. MCZR–M–16322—12 sh + frg "P" marked on the cork cap standing for "Palermo"// 2 sh "San Vito". Two labels on the box bottom: "Philine incerta n. sp. Inedita Palermo 30 m anche d'Algier 40 m Joly" and "Philine striatula, Jeffr. Palermo e S. Vito!";
Type locality. Described from San Vito lo Capo (Sicily).
Remarks. *Philine striatula* is a peculiar species among the norheastern Atlantic and Mediterranean Philinidae s.l., with its slender shape, prominent protoconch, and numerous, fine chain–like rows of minute dots. The general shape varies with growth, as is observed also in other philinids—e.g. *Philine catena* (Montagu, 1803), *Philine intricata* Monterosato, 1884, *Philine iris* Tringali, 2001—larger shells (presumably older) becoming stouter and wider at the base. The type material (revised and figured by Oliverio & Tringali, 2001: 138–139; 124, figs 7a–c; 140, figs 73a–c, 75a–b) is emblematic of this growth–related morphological variation. Malaquias *et al.* (2016) studied the anatomy of *Philine striatula* on West African material (wrongly identified as "*Philine intricata* Monterosato, 1884"). Crocetta & Tringali (2017) discussed in further detail the species identity and its synonymy.

Recorded by MolluscaBase (2018) as *Philine striatula* Monterosato, 1874.

SUPERFAMILY BULLOIDEA
Family RETUSIDAE

crebrisculpta, Cylichnina [(*Retusa crebrisculpta* (Monterosato, 1884)] (Figures 31C, D)
1884h: 143 [XXXI: 799]—available name
Type material. MCZR–M–16136—2 sh from Palermo, material selected for PBE (1976), lacking the original label.
Type locality. Described from Palermo and San Vito lo Capo (Sicily) and Napoli (Italy).
Remarks. The type material was discussed by Oliverio & Tringali (2001: 129; 128, figs 28–29, 132, fig. 50). The actual identity and validity of the species is still problematic. Recorded by MolluscaBase (2018) as *Retusa crebrisculpta* (Monterosato, 1884).

effusa, Coleophysis [*Retusa truncatula* (Bruguière, 1792)] (Figures 32A, B)
1890c: 188 **[**XXXVIII c: 922]—available name
Type material. MCZR–M–16030—4 sh "n.sp. Palermo 1886"
Type locality. Described from Palermo (Sicily), and Villefranche-sur-Mer (France).
Remarks. The recognition of the type material was discussed by Oliverio & Tringali (2001: 131; 124, fig. 9, 128, figs 31–32, 132, fig. 52). This species needs to be revised in the framework of a complete revision of the *Retusa truncatula* (Bruguière, 1792) complex. Recorded by MolluscaBase (2018) as a synonym of *Retusa truncatula* (Bruguière, 1792).

minutissimus, Utriculus [*Retusa minutissima* (Monterosato, 1878 ex H. Martin ms.)] (Figures 32C–E)
1872b: 54 [VI: 136]—nomen nudum
1875b: 46 [XIII: 272], as *Cylichna minutissima*—nomen nudum
1878a: 159 [XX: 449]—available name
Type material. MCZR–M–16015—11 sh "Utriculus minutissimus Martin Algier 15 m" (by hand of Joly)// 146 + 1 sh "Algier (Joly)!"// 27 sh label very damaged "Bulla minutissima M. Golfe de Fos"// 7 sh "Vado, Mar.se G: Doria"// 1 sh "Livorno F.lli Caifassi". Label on the box bottom: "Utriculus minutissimus H. Martin ms. = U. obtusus, var. minor, apice depresso, Jeffr. varie località!"
Type locality. Described from Golfe de Fos (France), Vado and Livorno (Italy), Algiers (Algeria).
Remarks. Type and non–type material in the Monterosato collection was commented by Oliverio & Tringali (2001: 131, 133–135, 124, figs 2a–b; 128, fig. 38a–b; 130, figs 41–42), who also discussed its identity, the distinction from the similar *Retusa obtusa* (Montagu, 1803), and documented shell variation and gizzard plates morphology, concluding on its actual belonging to the genus *Retusa* T. Brown, 1827. Recorded by MolluscaBase (2018) as *Retusa minutissima* (Monterosato, 1878).

SUPERFAMILY HAMINOEOIDEA
Family HAMINOEIDAE
***cymoelium, Haminoea hydatis* var.** [*Haminoea hydatis* (Linnaeus, 1758)] (Figure 32F)
1923: 12 unnumbered plate, fig. 16 [LXVIII: 1317, 1319, fig. 16]—available name
Type material. MCZR–M–16253/H—1 sh (Holotype) glued on a paper stick, "cymelium typ. Monts. Bengasi!! Fig. l6"
Type locality. Coasts of Cirenaica (Libya).
Remarks. Nordsieck (1972: 32) raised this varietal name to the rank of subspecies. Oliverio & Tringali (2001: 135; 130, fig. 45) already figured the holotype and suggested that it belongs to *Haminoea hydatis* (Linnaeus, 1758). The systematics of the genus *Haminoea* is, however, quite puzzling, shell morphology alone of little or no use to distinguish species in this group. The correct identity of *Haminoea cymoelium* needs to be clarified within a revision of all Mediterranean congeneric species. Recorded by MolluscaBase (2018) as a synonym of *Haminoea*

hydatis (Linnaeus, 1758).

ORDER THECOSOMATA
SUPERFAMILY CYMBULIOIDEA
Family PERACLIDAE

diversa, Spirialis [*Peracle diversa* (Monterosato, 1875)] (Figures 33A)
1875b: 50 [XIII: 276]—available name
Type material. MCZR–M–30039—4 sh and few frg "Spirialis diversa Monts. n. sp. Palermo 210—280 m" (recto), "S. diversa Monts. Palermo 280 m !" (verso).
Type locality. Described from Palermo (Sicily), and Atlantic? ("Atl.?").
Remarks. The type material was documented by Oliverio & Tringali (2001: 139; 124, fig. 3; 140. figs 76a–c). They and Gaglini & Villari (1994) discussed also the availability of the name and its synonymy. Recorded by MolluscaBase (2018) as *Peracle diversa* (Monterosato, 1875).

INFRACLASS PULMONATA
SUPERFAMILY ELLOBIOIDEA
Family ELLOBIIDAE

exigua, Leuconia [*Auriculinella bidentata* (Montagu, 1808)]
1906a: 128 [LIV: 1160]—available name
Type material. Not found
Type locality. Described from Sfax (Tunisia).
Remarks. Recorded by MolluscaBase (2018) as taxon inquirendum. This form is arguably to refer to *Auriculinella bidentata* (Montagu, 1808) [**new synonymy**], a species recorded also from Sfax (Cecalupo *et al.*, 2008: 138; pl. 79, figs 1–5), the **Type locality.** of *Leuconia exigua*. We failed to find the type material or other material labeled as "*Leuconia exigua*" in the Monterosato collection.

CLASS BIVALVIA
SUBCLASS PROTOBRANCHIA
ORDER NUCULANIDA
SUPERFAMILY NUCULANOIDEA
Family YOLDIIDAE

producta, Yoldia [*Yoldiella striolata* (Brugnone, 1876)] (Figures 34A, B)
1875b: 11[XIII: 237]—nomen nudum;
1877c: 30 [XVII: 328]—as synonym of *Yoldia abyssicola* Torell, 1859;
1878c: 66 [XIX: 380]—as synonym of *Yoldia abyssicola* Torell, 1859;
1880c: 55 [XXVII: 539]—adopted as the name of a taxon (with *Yoldia striolata* Brugnone, 1876 listed as a synonym).
Type material. MCZR–M–14425—1 v dx + 3 v e frg "Leda (Yoldia) abyssicolaTorell = L. producta Monterosato, Pal. 210 m!"// 1 v "Yoldia abyssicola or producta in comunicazione"// 2 v "Marseille (Sollier)"
Type locality. Described from Ficarazzi † and Palermo (Sicily), Atlantic.
Remarks. The name may be regarded as introduced in 1877c having been adopted as the name of a taxon in 1880b (ICZN, 1999: art. 11.6.1). It is a junior synonym of *Yoldia striolata* Brugnone, 1876. La Perna (2008a: 16) figured syntypes of both *Yoldia striolata* (now ascribed to *Yoldiella* Verrill & Bush, 1897) and *Y. producta.* Recorded by MolluscaBase (2018) as a synonym of *Yoldiella striolata* (Brugnone, 1876).

tumidula, Silicula [*Microgloma pusilla* (Jeffreys, 1879)] (Figures 34C, D)
1875b: 11 [XIII: 237]—as *Phaseolus tumidulus*—nomen nudum

1875c: 9 [XIV: 285]—as *Phaseolus tumidulus*—nomen nudum
1878c: 67—[XIX: 381]—as *Phaseolus tumidulus*—nomen nudum
1880c: 56 [XXVII: 540]—available name
Type material. MCZR–M–14434/L—1 sh (Lectotype) "Phaseolus tumidulus,...xxxxx.. [unreadable] Monteros. Palermo 90—210 m. inedito" designated by Gaglini (1991).
MCZR–M–14434/P—2 sh + 2 v (Paralectotypes) // 1sh + 2 v Label on the bottom: "Phaseolus tumidulus,...xxxxx.. [unreadable] Monteros. Palermo 90—210 m. inedito"
Type locality. Palermo (Sicily) Described also from Sciacca (Sicily).
Remarks. The species was reviewed by Ockelman & Warén (1998), who reported a number of syntypes in the MCZR that does not match the total we found, and reported the presence of another possible syntype in SMNH. They assigned the species to *Microgloma* Sanders & Allen, 1973 (type sp. *Microgloma yongei* Sanders & Allen, 1973, by original designation) and that genus to the family Nuculanidae H. Adams & A. Adams, 1858. Recorded by MolluscaBase (2018) as *Microgloma tumidula* (Monterosato, 1880) in the family Yoldiidae Dall, 1908. However, two similar species have been repeatedly mixed under this name. The types of *S. tumidula* in MCZR seem to be the species that Salas (1996: figs 58–61) and probably Ockelmann & Warén (1998: fig. 8A) assigned to *Microgloma pusilla* (Jeffreys, 1879), which is the commonest one: this makes *M. tumidula* (Monterosato) a synonym of *M. pusilla* (Jeffreys) [**new synonymy**]. The second species (Salas, 1996: figs 62–64; Ockelmann & Warén, 1998: figs 8C, D) (more trapezoidal) is *Microgloma turnerae* Sanders & Allen, 1973, valid name for this species [**new status**], which has been wrongly synonymized with *S. tumidula*.

ORDER NUCULIDA
SUPERFAMILY NUCULOIDEA
Family NUCULIDAE

†apicina, Nucula [*Nucula apicina* Monterosato, 1891] taxon inquirendum (Figures 34E, F)
1891a: 97 [XXXIX a: 929]—available name
Type material. MCZR–M–30040—2 v dx "Nucula apicina Monts S. Flavia"
Type locality. Described from S. Flavia † and Altavilla † (Sicily).
Remarks. Monterosato (1891a: 97) explicitly reported a single specimen (a single valve?) from the Quaternary outcrop of Santa Flavia, near Altavilla Milicia (Palermo). At the end of the description he wrote that the species was also known from Altavilla Milicia. Recorded by MolluscaBase (2018) as taxon inquirendum. However, La Perna (2007), after examination of the Monterosato material and additional material from the outcrop of Monti della Farnesina in Rome (Cerulli-Irelli coll., Palaeontological Museum of Sapienza University of Rome), regarded *Nucula apicina* as a full valid Plio-Pleistocene species, an interpretation that we share.

perminima, Nucula [*Austronucula perminima* (Monterosato, 1875)] (Figures 34G, H)
1875c: 8 [XIV: 284]—available name
Type material. MCZR–M–14376—1 sh "Nucula perminima n. sp. Sciacca! 1875"// 4 sh + 15 v "Sciacca"// 4 v sn + 1 v dx "Sciacca"
Type locality. Described from Sciacca (Sicily).
Remarks. Monterosato changed his opinion on this species: first he described it as a new species; then lowered it to the rank of variety "*minor*", or young stage, of *Nucula nucleus* (Linnaeus, 1758) (Monterosato, 1878a: 66), and finally (Monterosato, 1881b: 52), listed it among the synonyms (as young stage) of *Nucula aegeensis* Forbes, 1844—now in *Ennucula* Iredale, 1931—a view also followed by Sabelli *et al.* (1990–1992: 274). *Nucula perminima* was re–evaluated as valid species by Giannuzzi–Savelli *et al.* (2001: 31; 45, figs 11–13) and Palazzi & Villari (2001: 24; 41, figs 91–96), considering it as a senior synonym of *Nucula recondita* Gofas & Salas, 1996. La Perna (2008a: 15–16; figs 1A–D) confirmed their views on the basis of the type material in the Monterosato collection, and published good light photos of syntypes. Recorded by MolluscaBase (2018) as *Austronucula perminima* (Monterosato, 1875).

SUBCLASS PTERIOMORPHIA
ORDER ARCIDA
SUPERFAMILY ARCOIDEA
Family ARCIDAE

corbuloides, Arca [*Anadara corbuloides* (Monterosato, 1881)] (Figures 34I, J)
1878c: 67 [XIX: 381]—nomen nudum
1881a: 247 [XXVIII: 572]—available name
Type material. MCZR–M–14178—1 sh "A. corbuloides Monts Grande esemplare di Civitavecchia (Donati)"// 1 sh "A. corboloides Monts d'Algeria! coll. Tiberi……"
Type locality. Described from Palermo (Sicily), Civitavecchia (Italy), Algeria, and southern Spain.
Remarks. Monterosato proposed the name for his *Arca polii* var. "*grandis*" Monterosato (1875a: 12), regarded as distinct from *Arca polii* Mayer, 1868. The varietal name "*grandis*" is a nomen nudum, and the binomen *Arca corbuloides* must be adopted. The syntypes found in the Monterosato collection originated from the Donati and Tiberi collections. They match very well part of the material reported in the original description. Recorded by MolluscaBase (2018) as *Anadara corbuloides* (Monterosato, 1878).

ORDER MYTILIDA
SUPERFAMILY MYTILOIDEA
Family MYTILIDAE

arenaria, Crenella [*Crenella arenaria* Monterosato, 1875 ex H. Martin, ms.] (Figures 34K, L)
1872b: 19 [VI: 101]—nomen nudum
1874a: 249 [X: 175]—nomen nudum
1875b: 10 [XIII: 236]—nomen nudum
1875c: 7 [XIV: 283]—available name
Type material. MCZR–M–14017—21 sh + 23 v + 15 frg "Crenella? arenaria Sciacca!"
Type locality. Described from Sciacca (Sicily).
Remarks. The species was described—very briefly indeed—in a paper on the shells collected from coralligenous bottoms off Sciacca (Sicily), thus the provenance of the material found in the Monterosato collection fits the **Type locality.**. The actual systematic position of the species is problematic and needs further investigation. Recorded by MolluscaBase (2018) as *Crenella arenaria* Monterosato, 1875 ex H. Martin, ms.

herculeus, Mytilus [*Mytilus galloprovincialis* Lamarck, 1819] (Figures 34M, N)
1884h: 6 [XXXI: 665]—available name
Type material. MCZR–M–9788—2 sh + 1 v dx "Myt. Herculeus di Sciacca."
MCZR–M–9688—2 sh "Sciacca", "Mytilus herculeus Monts. grande esemplare 'specimen maximum' di Sciacca (Sicilia)".
Type locality. Described from Sciacca (Sicily).
Remarks. Introduced as *Mytilus galloprovincialis* var. "*herculea*", the name *M. herculeus* was raised to the status of species in subsequent works of Monterosato (1891 a: 97, note; 1915: 10). It is a giant form of *M. galloprovincialis* Lamarck, 1819. Recorded by MolluscaBase (2018) as a synonym of *Mytilus galloprovincialis* Lamarck, 1819.

***hyalinus, Mytilus* (*Dacrydium*)** [*Dacrydium hyalinum* (Monterosato, 1875)] (Figures 34O, P)
1875b: 10 [XIII: 236]—available name
Type material. MCZR–M–13973—20 sh + 13 v "Mytilus hyalinus Monts"// 1 sh + 2 frg glued on thin cardboard, from "Messina"// 40 sh + 55 v + 4 frg from Palermo (= "P", marked on the cork cap). Label on the bottom: "Myt. (Dacrydium) hyalinus Monteros. Palermo 40—190 m."
Type locality. Described from Palermo (Sicily) and other localities in the Mediterranean Sea, and Atlantic?
Remarks. We follow the currently accepted opinion, that *Mytilus hyalinus* is available from Monterosato (1875b:

10), where size and shape are referred as diagnostic with the Atlantic *Dacrydium vitreum* (Møller, 1842), also considering the previous (Monterosato 1872b: 18) more detailed description of the Mediterranean form given by Monterosato. Ockelmann (1983: 120) studied specimens "from Monterosato's own material" (Palermo), and recorded among them two specimens with several embryos inside (yet he did not report the whereabout of such possible type material). A valve of a further specimen originating from Monterosato in the Locard coll. (MNHN) was figured by Salas (1996: 52, fig. 92). Recorded by MolluscaBase (2018) as *Dacrydium hyalinum* (Monterosato, 1875).

solidus, Mytilaster [*Mytilaster solidus* Monterosato, 1883 ex H. Martin ms.] (Figures 35A, B)
1872b: 18 [VI: 100]—nomen nudum
1883a: 89 [XXXa: 603]—available name
Type material. MCZR–M–9552—4 sh "Mod. solida Martin ms. Etang d'Engrenier d. Martin"
MCZR–M–9531—2 sh "M. solidus C. di Prov.[a]."
Type locality. Described from Martigues (France), and Palermo (Sicily).
Remarks. Despite the species having been discussed and/or figured by several authors (e.g., Locard, 1889: 155–158, pl. V, fig. 9; B.D.D., 1890: 149–150, pl. 29, figs 11–14; Bogi *et al.*, 1985: 25; 26, fig. 2; Giannuzzi–Savelli *et al.*, 2001: 111, figs 178–181), its actual identity is still unclear and has been interpreted in quite diverging ways. The whole genus *Mytilaster* Monterosato, 1883, needs a careful revision. Recorded by MolluscaBase (2018) as *Mytilaster solidus* Monterosato, 1883.

ORDER PECTINIDA
SUPERFAMILY PECTINOIDEA
Family PECTINIDAE

commutatus, Pecten [*Aequipecten commutatus* (Monterosato, 1875)]
1875c: 6 [XIV: 282]—available name
Type material. MNHN–IM–2000–24361—Holotype, Sicily.
Historical material. MCZR–M–13542—2 sh. "Palermo" ex showed PBE (1976) // 7 sh and 2 v "P. Philippii Recluz = P. gibbus Auctorum non L. Palermo, S. Vito"
Type locality. Sicily (*Pecten philippii* Récluz, 1853).
Remarks. Replacement name for *Pecten philippii*, Récluz 1853 non Michelotti (1839). Recorded by MolluscaBase (2018) as *Aequipecten commutatus* (Monterosato, 1875).

intermedius, Pecten [*Pecten jacobaeus* (Linnaeus, 1758)] (Figures 35C, D)
1899: 186, fig. 3 [L: 1126, fig. 3]—available name
Type material. MCZR–M–13713—3 sh "P. intermedius Monts. Esemplari coloriti dell'Adriatico. Altri più grandi di Palermo?"
Type locality. Described from Istria, Veglia and Quarnero (Croatia), Palermo (Sicily), Roussillon (France).
Remarks. Introduced by means of an original figure (a black and white drawing), without any description. Recorded by MolluscaBase (2018) as a synonym of *Pecten jacobaeus* (Linnaeus, 1758).

liburnicus, Proteopecten (ex Stossich ms.) [*Flexopecten glaber* (Linnaeus, 1758)] (Figures 35E, F)
1899: 188, figs 4, 5 [L: 1128, figs 4, 5]—available name
Type material. MCZR–M–13779—1 sh "P. (Protopecten) liburnicus, Stoss. Narenta—Istria", "Tipo di Monts. figurato nel Journ. de Conchyliologie 1899, p."
Type locality. Described from Narenta (Croatia).
Remarks. Recorded by MolluscaBase (2018) as taxon inquirendum. The single shell found in the Monterosato collection (albeit not the one used for the original drawing), belongs to *Flexopecten glaber* (Linnaeus, 1758) [**new synonymy**]. The genus *Proteopecten* was introduced in the same paper.

SUPERFAMILY ANOMIOIDEA
Family ANOMIIDAE

glauca, Monia [*Pododesmus squama* (Gmelin, 1791)] (Figures 35G, H)
1884h: 3 [XXXI: 659]—available name
Type material. MCZR–M–13047—2 sh "Monia glauca M. Napoli."
MCZR–M–13005—48 sh + 3 frg "Monia glauca M. Ficarazzi".
Type locality. Described from Palermo and Ficarazzi † (Sicily), and Napoli (Italy).
Remarks. Name introduced to distinguish *Anomia striata* Brocchi, 1814, sensu Lovén (1846: 183), and accompanied by a description. *Monia glauca* was considered as valid by Sabelli *et al.* (1990–1992: 84, 296—as *Pododesmus glaucus*), and is recorded as a possible synonym of *Pododesmus squama* (Gmelin, 1791) which is a valid species (Holmes, 2017) by MolluscaBase (2018). We keep it under this synonymy, although it may be rather related to *Pododesmus patelliformis* (Linnaeus, 1761).

ORDER LIMIDA
SUPERFAMILY LIMOIDEA
Family LIMIDAE

subovata, Lima [*Limatula subovata* (Monterosato, 1875 ex Jeffreys ms.)] (Figures 35I, J)
1875b: 9 [XIII: 235]—available name
Type material. MCZR–M–13127—5 v "Palermo 200—300 m" "Lima subovata, Jeffr. Varie località, anche Atlantica"
Type locality. Described from Palermo (Sicily) and Azores (Atlantic).
Remarks. There is a further lot (MCZR, unnumbered box) of 1 valve identified as *L. subovata* by Jeffreys, from Palermo, labelled by Brugnone ("*Lima subovata* Jeffr. from Jeffr."), and by Jeffreys ("1443 fms. P."). Monterosato bought Brugnone's collection after his death (1884), therefore there is no proof that this shell was part of the type material (but Monterosato has likely studied Brugnone's collection before acquiring it). However, the morphology of the single valve fits very well the shell features of the type material, showing that both Monterosato and Jeffreys shared the same view on the species identity (*Lima subovata* Jeffreys, 1876, is separately available and has its own types in USNM). Recorded by MolluscaBase (2018) as *Limatula subovata* (Monterosato, 1875).

ORDER OSTREIDA
SUPERFAMILY OSTREOIDEA
Family GRYPHAEIDAE

floribunda, Pycnodonta [*Neopycnodonte cochlear* (Poli, 1795)] (Figures 35K, L)
1915: 7, pl. III, figs 1–4 [LXV: 1257, 1267, figs 1–4]—available name
Type material. MCZR–M–5520—1 sh "P. floribunda M. var. digitata, affine al tipo da figurare"// 1 + 2 + 3 sh "Pycnodonta floribunda Monts Palermo!" "Ostrea (Pycnodonta) cochlear, Poli Palermo"// 3 sh + 5 v "P. floribunda Monts tra Palermo e Ustica da 50 a 60 m. si potrà figurare anche impicciolita"// 3 v "Pycnodonta floribunda, Monts Palermo!"// 7 v " Ostrea (Pycnodonta) floribunda Monts Palermo!!"
Type locality. Described from off Palermo (Sicily).
Remarks. Recorded by MolluscaBase (2018) as a synonym of *Neopycnodonte cochlear* (Poli, 1795).

†frigida, Pycnodonta [*Pycnodonta frigida* Monterosato, 1915] (Figures 35M, N)
1915: 12, pl. IV, fig. 2 [LXV: 1256, 1268A, fig. 2]—available name
Type material. MCZR–M–5588—2 sh "P. frigida Monts. Ficarazzi sarebbe bene figurare in modo che si veda il tallone".
Type locality. Described from Ficarazzi † (Sicily).
Remarks. We cannot decide whether it is a distinct fossil species or it belongs in the variation of *Neopycnodonte cochlear* (Poli, 1795).

laticardo, Pycnodonta [*Neopycnodonte cochlear* (Poli, 1795)] (Figures 35O, P)
1915: 13, pl. IV, figs 3–5 [LXV: 1257, 1268A, figs 3–5]—available name
Type material. MCZR–M–5530—2 sh + 25 v "O. cochlear. vr. Laticardo Monts. Mare presso Palermo profondità da 50 a 100 m. Comprata all' Arenella in xxxxx 1901".
MCZR–M–5562—1 v "Pycnodonta laticardo, Monts fondi tra Palermo ed Ustica da figurare" recto "Se ne potrà figurare una quella che risponde meglio alla descrizione" verso.
Type locality. Described from Palermo (Sicily).
Remarks. Recorded by MolluscaBase (2018) as a synonym of *Neopycnodonte cochlear* (Poli, 1795).

navicula, Gryphaea [*Neopycnodonte cochlear* (Poli, 1795)] (Figures 36A, B)
1884h: 5 [XXXI: 661]—available name
Type material. MCZR–M–5466—7 v "Sciacca"// 1 sh "(Pycnodonte) Gryphaea navicula in Nat. Sic. 1884 estratto Nomencl. gen. e sp. p. 5 (typus) fondi coralligeni di Sciacca (Monts Del Prete)"
MCZR–M–5504—1 sh "Gryphaea!! Navicula, Monts. Palermo n. sp."
MCZR–M–5634—1 sh + 10 v "Pycnodonta navicula Monts (Ostrea) 1884 Nomencl. gen. e sp. p. 5 Sciacca".
Type locality. Described from Sciacca, Palermo (Sicily), Patrasso (Greece).
Remarks. Subsequently figured (1915, pl. IV, fig. 1). Recorded by MolluscaBase (2018) as taxon inquirendum. Wisshak *et al.* (2008) convincingly suggested that it is a synonym of *Neopycnodonte cochlear* (Poli, 1795) a position that we share.

Family OSTREIDAE

crustacea, Ostreola [*Ostrea stentina* Payraudeau, 1826] (Figures 36C, D)
1915: 6 (12), pl. IV, figs 6, 7 [LXV: 1256, 1268A, figs 6, 7]—available name
Type material. MCZR–M–5492—1 sh "Ostreola crustacea Monts Porto di Palermo da figurare"
MCZR–M–30041—10 v "Ostreola crustacea Monts, Palermo"
MCZR–M–30042—6 sh "Ostreola crustacea var. opercularis Viareggio! da figurare"
Type locality. Described from Palermo (Sicily) and Viareggio (Italy).
Remarks. The syntype in box 5492 was figured in the original work (1915: pl. IV, fig. 6), whereas the other figure showed a syntype of the lot from Viareggio sent by Del Prete, which Monterosato distinguished as var. "*opercularis*". Recorded by MolluscaBase (2018) as a synonym of *Ostrea stentina* Payraudeau, 1826.

dianae, Ostrea [*Ostrea edulis* Linnaeus, 1758] (Figures 36E, F)
1915: 10 [LXV: 1254]—available name
Type material. MCZR–M–5664—2 v "O. lamellosa (Sn. di M. Rosato) Etang de Diane" Kleciack's handwriting, "Zara . Kleciack" [likely meaning "found also at Zara"]
Type locality. Described from Etang de Diane (Corsica).
Remarks. A name accompanied by a description, introduced for *Ostrea boblayei* Deshayes, 1833, sensu B.D.D. (1887: 14; pl. 3, figs 1–5), a Recent species considered as distinct from Deshayes' fossil one. Recorded by MolluscaBase (2018) as taxon inquirendum. The type material belongs to *Ostrea edulis* Linnaeus, 1758 [**new synonymy**].
scaeva, Ostrea (ex Valenciennes ms.) [*Ostrea edulis* Linnaeus, 1758] (Figures 36G)
1915: 9, pl. I, figs 1, 4 [LXV: 1253, 1263, figs 1, 4]—available name
Type material. MCZR–M–5590—2 sh "O. scaeva depressa sine loco forse coste atlantiche"
MCZR–M–5551—2 sh "O. scaeva Valenc. Palermo"
MCZR–M–5515—1 sh "O. Scaeva Napoli! Valencienne 1861"
MCZR–M–5550—3 sh + 1 v "O. scaeva Valenciennes Oran e Algeri Joly e Pallary var. Oranica Monts"
MCZR–M–5581—1 sh "O. scaeva Valenciennes di Napoli! coll. Tiberi."
MCZR–M–5533—2 sh "O. scaeva var. scaevo—depressa coste Atlantiche della Francia"
MCZR–M–5557—2 sh "O. scaeva var. armata, Santa Gilla (Cagliari)"
MCZR–M–5545—1 sh + 1 v "O. Scaeva Valen. var. scaevo—depressa. Malta! Monts"
MCZR–M–5539—1 sh "O scaeva Valenc. Catania! D. Dr. Aradas".

MCZR–M–5535—15 v "O. scaeva var. Nassophila, Viareggio"
Type locality. Described from Palermo, Catania and Monte Pellegrino † (Sicily), and Napoli (Italy).
Remarks. Recorded by MolluscaBase (2018) as a synonym of *Ostrea edulis* Linnaeus, 1758.

SUPERFAMILY PINNOIDEA
Family PINNIDAE

ensiformis, Pinna [*Pinna nobilis* Linnaeus, 1758] (Figure 36H)
1884h: 8 [XXXI: 664]—available name
Type material. Not found
Type locality. Described from Chioggia and Trieste (Italy), and Palermo (Sicily).
Remarks. Lot 5368 could probably be part of the type material (6 sh from Chioggia) but there are now only the labels left. The specimens were arguably employed for the PBE (1976), and not returned to their original place. *Pinna ensiformis* is commonly listed among the synonyms of *P. nobilis* Linnaeus, 1758 (e.g.: Sabelli *et al.*, 1990–1992: 285; CLEMAM: Gofas & Le Renard, 2015; MolluscaBase, 2018).

SUPERFAMILY PTERIOIDEA
Family PTERIIDAE

savignyi, Maleagrina (misspelling for ***Meleagrina***) [*Pinctada imbricata radiata* (Leach, 1814)] (Figures 36I, J)
1884h: 7 [XXXI: 663]—available name
Type material. MCZR–M–13835—2 v sn "Meleagrina! Alessandria Mr. Juba de Lhotellerie"// 1 v sn + 1 v dx "Meleagrina Savignyi M. Alessandria (Gaudion)", "Meleagrina Alessandria. M. Savignyi Monts con l'animale assieme all' Ostrea subimbricata Monts. ms. (Cap. Gaudion) avuta anche da Lothellerie e da Conemenos".
Type locality. Described from Alexandria (Egypt).
Remarks. The first introduction of the name (Monterosato, 1884h: 7) was by a reference to a drawing in the plates of Egyptian molluscs by J.-C. Savigny. It is arguably the oldest record of this Indo–Pacific alien species in the Mediterranean Sea. It has been suggested that it had inhabited the waters of Alexandria harbour before the opening of the Suez Canal (Ghisotti, 1974: 7), although different hypotheses were proposed for its introduction in the Mediterranean (e.g. Por, 1978: 30, 31, 34). The exceptional proliferation of this mollusc brought Monterosato to reject the Indo–Pacific origin for this species, its abundance in the Gulf of Gabès allegedly proving it as a native undescribed species (see Monterosato, 1900: 393), but this is not tenable. It is currently included in *Pinctada imbricata* Röding, 1798, which is probably a complex of species. Recorded by MolluscaBase (2018) as a synonym of *Pinctada imbricata radiata* (Leach, 1814).

SUBCLASS HETERODONTA
SUPERORDER IMPARIDENTIA
SUPERFAMILY CHAMOIDEA
Family CHAMIDAE

circinata, Chama [*Chama circinata* Monterosato, 1878] (Figures 36K, L)
1878c: 71 [XIX: 385]—available name
Type material. MCZR–M–15323—4 sh "Chama circinata Monts. Boll. Mal. Ital." "Sardegna (Tiberi) Fondi coralligeni"// 1 v sup. "Ch circinata, Monts. Sciacca! Del Prete"
MCZR–M–15270—1 sh "Chama circinata di Lipari Leg. Sequenza"
MCZR–M–15324—1 sh "Cap de Garde (Hagenmull.)"
MCZR–M–15231—1 v sup. "Ch. circinata, Monts. Palermo? (Brugnone)"
Type locality. Described from Mediterranean Sea.
Remarks. Recorded by MolluscaBase (2018) as *Chama circinata* Monterosato, 1878.

SUPERFAMILY GALEOMMATOIDEA
Family GALEOMMATIDAE

lepisma, Lepton [*Vasconiella jeffreysiana* (P. Fischer in de Folin & Périer, 1873)] (Figures 36M, N)
1878b: 314 [XXI: 454]—available name
Type material. USNM–170652—1 v sn "Lepton lepisma Montr. = Scacchia crispata Folin (Algiers, Joly)" (van Aartsen, 1982: 125).
MCZR–M–14683—3 v dx "Lepton lepisma Monts. n.sp. Alger (Joly)!" + original label by Joly, "Lepton lepisma Mont Alger valve".
Type locality. Described from Algeria.
Remarks. Recorded by MolluscaBase (2018) as a synonym of *Vasconiella jeffreysiana* (P. Fischer in de Folin & Périer, 1873) based on van Aartsen (1982). Monterosato explicitly based the description on a single valve, whereas in the collection the lot (original from Joly as stated in the original description) includes three valves. Additionally, another possible syntype, also originating from Joly, is in the Jeffreys collection (USNM), as reported by van Aartsen (1982).

SUPERFAMILY MACTROIDEA
Family MACTRIDAE

galloprovincialis, Mactra [*Mactra stultorum* (Linnaeus, 1758)] (Figures 37A, B)
1917: 28 [LXVII: 1302]—available name
Type material. MCZR–M–19693—2 sh "M. galloprovincialis Monts di Port—Vendres"// 1 sh "Collieours"
MCZR–M–19684—2 v sx "La Nouvelle 1911"
Type locality. Described from Collioure, Port-Vendres, La Nouvelle (France).
Remarks. Recorded by MolluscaBase (2018) as taxon inquirendum. The type material conforms to *Mactra stultorum* (Linnaeus, 1758) [**new synonymy**].

lignaria, Mactra [*Mactra stultorum* (Linnaeus, 1758)] (Figures 37C, D)
1878c: 73 [XIX: 387]—as *M. corallina* var. *lignaria,* nomen nudum
1917: 8 [LXVII: 1282]—available name
Type material. MCZR–M–19665—1 sh "M. lignaria Monts typ. Napoli!"// 3 sh "juv. Napoli"
MCZR–M–19647—7 sh +1v dx + 1 frg "iuvenis M. lignaria var. alba Napoli"
MCZR–M–19670—14 sh + 4 v sx "M. lignaria, M. coll. Tiberi come M. stultorum Napoli"// 1 sh "Napoli Staz. Zool."
Type locality. Described from Gulf of Napoli (Italy).
Remarks. Recorded by MolluscaBase (2018) as a synonym of *Mactra stultorum* (Linnaeus, 1758).

ORDER LUCINIDA
SUPERFAMILY THYASIROIDEA
Family THYASIRIDAE

granulosus, Axinus [*Thyasira granulosa* (Monterosato, 1874 ex Jeffreys ms.)] (Figures 37E, F)
1872b: 21 [VI: 103]—nomen nudum
1874a: 251 [X: 177]—available name
Type material. MCZR–M–19237—31 v "Axinus rotundatus Monts S.Vito" (ms. Brugnone) // 4 sh + 3 v "Ax. Granulosus Jeffr. San Vito" (ms. Brugnone)// 80 v "Axinus granulosus Monterosato 1874 S. Vito (Trapani)"
MCZR–M–19247—4 v + 5 v Label on the bottom "Axinus granulosus Jeffr. non flexuosus Mtg. Napoli" Tiberi's handwriting // 2 v "San Vito"
MCZR–M–19245—8 v "S. Vito"
Type locality. Described from San Vito lo Capo (Sicily), and Napoli (Italy).

Remarks. Recorded by MolluscaBase (2018) as *Thyasira granulosa* (Monterosato, 1874).

intermedius, Axinus [*Axinulus exintermedius* (Gaglini, 1992)] (Figures 37G, H)
1875b: 14 [XIII: 240]—nomen nudum
1877c: 31 [XVII: 329]—nomen nudum
1878c: 69 [XIX: 383]—nomen nudum
1880c: 58 [XXVII: 542]—available name
Type material. MCZR–M–19228/L—1 sh (Lectotype) "Leptaxinus exintermedius" (Gaglini's manuscript label), designated by Gaglini (1992a).
MCZR–M–19228/P—100 sh + 32 v, (Paralectotypes) "P" the cork cap. Label on the bottom "A. intermedius, Monts Palermo!"
Type locality. Palermo (Sicily). Described also from Ficarazzi † (Sicily).
Remarks. *Axinus intermedius* Monts. was preoccupied by *Axinus intermedius* van den Hecke, 1858, and replaced by *Leptaxinus exintermedius* Gaglini, 1992. Recorded by MolluscaBase (2018) as a synonym of *Axinulus exintermedius* (Gaglini, 1992).

oblongus, Axinus [*Mendicula oblonga* (Monterosato, 1880)] (Figures 37I, J)
1875b: 14 [XIII: 240]—nomen nudum
1875c: 9 [XIV: 285]—nomen nudum
1877c: 31 [XVII: 329]—nomen nudum
1878c: 69 [XIX: 383]—nomen nudum
1880c: 58 [XXVII: 542]—available name
Type material. MCZR–M–14654—1 disarticulated sh / 15 v// 46 v + 12 sh "P" on the cork; Label on the bottom "A. oblongus, Monts = ? K. transversa, Forb. Pal!"// 7 v "Fic."
Type locality. Described from Ficarazzi † and off Palermo (Sicily).
Remarks. Recorded by MolluscaBase (2018) as *Mendicula oblonga* (Monterosato, 1880).

ORDER CARDIIDA
SUPERFAMILY CARDIOIDEA
Family CARDIIDAE

duregnei, Cardium (ex de Boury ms.) [*Acanthocardia echinata* (Linnaeus, 1758)] (Figures 37K, L)
1891c: 2 [XL: 946]—available name
Type material. MCZR–M–14815—1 sh "C. duregnei BDD = bullatum no (LK) Arcachon (Duregne)"
MCZR–M–14742—4 sh + 1v dx not conspecific "C. duregnei (De Boury) Monts in Bull. Soc. Sc. Nat ed Econ. Genn. 1891. Arcachon (Duregn, De Boury. Non medit.".
Type locality. Described from Monte Pellegrino † (Sicily) and Arcachon (France).
Remarks. La Perna (2008b: 136, figs 1A–E) figured two syntypes (1 sh and 1 valve) of *Cardium duregnei* from the Monterosato collection. He quoted the lot number "MZR 14815" for both specimens, yet the single valve was arguably from MCZR–M–14742. According to La Perna (2008b), *Cardium duregnei* is a lagoon ecophenotype of *Acanthocardia echinata* (Linnaeus, 1758), a position that we share. Recorded by MolluscaBase (2018) as a synonym of *Acanthocardia echinata* (Linnaeus, 1758).

†propexum, Cardium [*Acanthocardia lunulata* (G. Seguenza, 1880)] (Figures 37M, N)
1891c: 2 [XL: 946]–available name
Type material. MCZR–M–14744—4 v "C. propexum, Monts in, Boll. Sc. Nat. ed Ec. 1892 p. 2 Ficarazzi. Non est C. brocchi Mager", "Non est C. brocchii Mager in Jour. Conchyl. 1866, p. 67, t. II, f. 4"
Type locality. Described from Monte Pellegrino †and Ficarazzi † (Sicily) and Kattegat.
Remarks. The identity of *Cardium propexum* and its synonymy with *Acanthocardia lunulata* (G. Seguenza, 1880)—a valid Mediterranean Pleistocene species—are discussed in La Perna & D'Abramo (2009), who examined the type material and noticed that three species are involved. Only two valves (La Perna & D'Abramo 2009: 679,

figs 6A–B; herein Fig. 37M) fit the original description of *C. propexum*. These valves seem also conspecific with a syntype given by Monterosato to Coen (1941: 169–170, pl. 1 fig. 11), and belong to *A. lunulata*, a synonymy that we share. The two other valves were identified by La Perna & D'Abramo (2009) as *Acanthocardia deshayesii* (Payraudeau, 1826) and *A. echinata* (Linnaeus, 1758), respectively. Recorded by MolluscaBase (2018) as a synonym of *Acanthocardia deshayesii* (Payraudeau, 1826), it should rather be *Acanthocardia lunulata* (G. Seguenza, 1880).

SUPERFAMILY TELLINOIDEA
Family DONACIDAE

adriatica, Serrula [*Donax trunculus* Linnaeus, 1758] (Figures 37O, P)
1884h: 25[XXXI: 681]—available name
Type material. MCZR–M–19349—5 sh + 6 v "Donax adriaticus" // 2 sh "Donax adriaticus M. Venezia!" label on the botton "Donax adriaticus Monts n. sp. Venezia e Chioggia 1882"//
MCZR–M–19348—7 sh + 5 v "Donax ponticus Monts ms. Crimea (Mar Nero) M.^{sa} Paulucci"
Type locality. Described from Venezia and Chioggia (Italy), Morea (=Peloponnese, Greece), and Black Sea.
Remarks. Subsequently figured (1889a, pl. II, fig. 2). Recorded by MolluscaBase (2018) as a synonym of *Donax trunculus* Linnaeus, 1758.

clodiensis, Serrula [*Donax semistriatus* Poli, 1795] (Figures 38A, B)
1884h: 26 [XXXI: 682]—available name
Type material. MCZR–M–19390—1 sh "D. clodiensis di Chioggia esemplare figurato (f. 4) D. Pegorari"
MCZR–M–19339—1 sh "Serrula clodiense var. candita Coen"
Type locality. Described from Chioggia (Italy).
Remarks. Subsequently figured (1889a, pl II, figs 4, 4a). Recorded by MolluscaBase (2018) as a synonym of *Donax semistriatus* Poli, 1795.

fabula, Donax [*Donax trunculus* Linnaeus, 1758] (Figures 38C–E)
1923: 5, unnumb. pl., figs 1–3 [LXVIII: 1310, 1319, figs 1–3]—available name
Type material. MCZR–M–30043—3 v + 1 sh + 5 v dx "Donax fabula Monts. Bengasi e Zuetina"
Type locality. Coasts of Cirenaica (Libya).
Remarks. MolluscaBase (2018) does not report it. The types belong to *Donax trunculus* Linnaeus, 1758 [**new synonymy**].

revelatus, Donax [*Donax trunculus* Linnaeus, 1758] (Figures 38F, G)
1917: 7, pl. I, fig. 1 [LXVII: 1281, 1305, fig. 1]—available name
Type material. MCZR–M–19320—4 sh + 4 sh Label on the bottom: "Donax revelatus Monts." and "Donax trunculus Gabés"
Type locality. Coasts of Tripolitania (Libya) and Gulf of Gabès (Tunisia), Mahon (Minorca).
Remarks. Recorded by MolluscaBase (2018) as taxon inquirendum. The types belong to *Donax trunculus* Linnaeus, 1758 [**new synonymy**].

Family SEMELIDAE

subangulata, Scrobicularia [*Scrobicularia cottardii* (Payraudeau, 1826)] (Figures 38H, I)
1884h: 28 [XXXI: 684]—available name
Type material. MCZR–M–20362—2 v + 2 v "Sc. Cottardii juv. Dalm."
Type locality. Described from Dalmatia (Croatia).
Remarks. Recorded by MolluscaBase (2018) as a synonym of *Scrobicularia cottardii* (Payraudeau, 1826).

Family TELLINIDAE

fabuloides, Fabulina [*Fabulina fabula* (Gmelin, 1791)] (Figures 38J, K)
1884h: 21 [XXXI: 677]—available name
Type material. MCZR–M–20217—1 sh "Pesaro d. F. L. Appelius"// 2 v "Corsica Neville"// 3 sh "Corsica Neville"// 1 v "Alessandria (Lothellerie)"// 22 sh "Porto Maurizio Sulliotti"// 4 sh + 1 v "Livorno F.lli Caifassi"// 6 sh + 1 v "Chioggia" Label on the box bottom "Tell. Fabuloides Monts. Conch. Med. 1884 vide Locard in Coq. Mar. france p. 275"
Type locality. Described from Mediterranean Sea.
Remarks. Name proposed to distinguish the Mediterranean form of *Tellina fabula* Gmelin, 1791 (as "*T. fabula* Gronovius 1791", non binomial) considered to be different from the Atlantic species. Recorded by MolluscaBase (2018) as a synonym of *Fabulina fabula* (Gmelin, 1791).

commutata, Macoma [*Macomangulus tenuis* (da Costa, 1778)] (Figures 38L, M)
1884h: 23[XXXI: 679]—available name
Type material. MNHNS–50377—*Tellina tenuis* var. *angusta* Philippi, 1836—5 syntypes + 19 v (Coan & Kabat, 2017: 84)
Historical material. MCZR–M–30044—2 sh "C. di Prov. Roussillon Dautzenberg"// 2 v "Adr. Pegorari"// 1 sh "Civitavecchia (Donati)". Label on the box bottom: "Tell. commutata Monts. = tenuis var. augusta Ph. = T. hyaline Desh.—Exp. Moree 1832, p. 93, t. 18, f. 12—14. Non T. hyalina, Gm. esot."
Type locality. Described from Sicily (Philippi, 1836).
Remarks. Nomen novum pro *Tellina tenuis* var. *angusta* Philippi, 1836 (raised to species rank), because of the synonymy with *Tellina angusta* Gmelin, 1791. The next available synonym, *Tellina hyalina* Deshayes, 1832 is also preoccupied by *T. hyalina* Gmelin, 1791. Recorded by MolluscaBase (2018) as a synonym of *Macomangulus tenuis* (da Costa, 1778).

ORDER ADAPEDONTA
SUPERFAMILY HIATELLOIDEA
Family HIATELLIDAE

cyclopana, Panopaea [*Panopea glycimeris* (Born, 1778)] (Figures 38N, O)
1889c: 26 [XXXV: 858]—available name
Type material. MCZR–M–5912—1 sh (2 v) "P. aradasii Monts. ms. Isola dei Ciclopi, p. Catania Aradas"// 1 sh (2 v) "P. aradasii Monts. ms. Isola dei Ciclopi p. Catania Aradas"
Type locality. Described from Ciclopi Islands (Sicily).
Remarks. Name used to distinguish the Eastern Sicilian, more slender populations, considered as distinct from the exclusively Atlantic and Western Mediterranean (Bay of Malaga) typical *Panopaea glycimeris*. The name "P. aradasii" was used only *in schedis* and not in the publication. Currently (e.g. Thomsen *et al.*, 2009) all Recent northeastern Atlantic and Mediterranean panopeas are considered as belonging to *Panopea glycimeris* (Born, 1778), a position that we share. Recorded by MolluscaBase (2018) as a synonym of *Panopea glycimeris* (Born, 1778).

†*philippii, Panopaea* [*Panopaea philippii* Monterosato, 1891] taxon inquirendum (Figures 39A, B)
1891c: 4 [XL: 948]—available name
Historical material. **MCZR–M–30045—**1 v "P. glycimeris (Mya) Born P. faujasii Ménard M. Pellegrino"
Type locality. Described from Monte Pellegrino † (Sicily).
Remarks. Name introduced for *Panopea faujasii* Ménard 1807, sensu Philippi, 1836 considered a distinct species. Recorded by MolluscaBase (2018) as taxon inquirendum.

ORDER MYIDA
SUPERFAMILY MYOIDEA
Family CORBULIDAE

trigonula, Corbulomya [*Lentidium mediterraneum* (O.G. Costa, 1830)] (Figures 39C–E)
1884h: 30 [XXXI: 686]—available name
Type material. MCZR–M–19802—2 v "Corbulomya trigonula n. sp. Magnisi (1886)"
Type locality. Described from Magnisi (Sicily).
Remarks. Recorded by MolluscaBase (2018) as a synonym of *Lentidium mediterraneum* (O.G. Costa, 1830).

SUPERORDER ANOMALADESMATA
SUPERFAMILY CUSPIDARIOIDEA
Family CUSPIDARIIDAE

crassa, Neaera [*Cuspidaria cuspidata* (Olivi, 1792)] (Figures 39F, G)
1878c: 75 [XIX: 389]—*Neaera cuspidate* var. *crassa*—nomen nudum
1881a: 250 [XXVIII: 576]—available name
Type material. MCZR–M–20433—1 sh "N. crassa, Monts. = cuspidata (non Olivi) Tiberi. Descriz. Nuovi Test. Napoli 1855 p. 8, t. 1 fig. 1—4 (bene) tipo di Tiberi. Vide Monts. in Boll. Mal. Ital. 1880 p. 250 = cuspidata v. crassa Monts. En. e Sin p. 15.", " N. crassa, Monts. Bull. Malac. Ital.1880 p. 258."
Type locality. Described from Algeria.
Remarks. Recorded by MolluscaBase (2018) as a synonym of *Cuspidaria cuspidata* (Olivi, 1792).

CLASS CEPHALOPODA
ORDER OCTOPODA
SUPERFAMILY ARGONAUTOIDEA
Family ARGONAUTIDAE

cygnus, Argonauta [*Argonauta argo* Linnaeus, 1758] (Figures 40A, B)
1889c: 120 [XXXVI: 880]—available name
Type material. MCZR–M–30046—1 sh "A. Cygnus Monts Jour. Conchyl. 1889 p. 119, 120"// 1 sh "Argonauta cygnus Monts Palermo! n. sp."
MCZR–M–30047—2 sh "1 più grande: A. cygnus Monts Palermo! Coll. Brugn."
MCZR–M–30048—1 sh "Arg. Cygnus var. monterosatoi Coen Palermo"
Type locality. Described from the Mediterranean Sea
Remarks. A form figured subsequently (Monterosato, 1914b: pl. XI, fig. 2), usually regarded to fall within the morphological range of *Argonauta argo* Linnaeus, 1758, (e.g. Biagi, 1978: 130), and therefore listed among its synonyms (see, e. g., Sabelli *et al.*, 1990–1992: 347; CLEMAM: Gofas & le Renard, 2017; MolluscaBase, 2018).

ferussaci, Argonauta (ex Valenciennes ms.) [*Argonauta argo* Linnaeus, 1758]
1914b: 388; pl. XIII, unnumb. fig. [LXIV: 1243; 1248, unnumb. fig.]—available name
Type material. MNHN 5–11–1166—Holotype (Lu *et al.*, 1995), Sicily.
Type locality. Sicily.
Remarks. Monterosato (1914b: 388) wrote he had examined the shell bearing Valenciennes' manuscript name, stored "in Museo Parisiense". Usually regarded as a form of *Argonauta argo* Linnaeus, 1758. Recorded by MolluscaBase (2018) as a synonym of *Argonauta argo* Linnaeus, 1758.

monterosatoi, Argonauta (ex Coen ms.) [*Argonauta argo* Linnaeus, 1758] (Figures 40C, D)
1914b: 388, pl. XII, figs 1, 2 [LXIV: 1242, pl. XII, figs 1, 2]—available name
Type material. MCZR–M–30049—2 sh "A. intermedia Monts = monterosati Coen Milazzo"
Type locality. Described from the Mediterranean Sea.

Remarks. This is the first valid introduction of the name, older than Coen (1915: 272; pl. 5, fig. 1), who refers to Monterosato (1914b). Usually regarded as a form of *Argonauta argo* Linnaeus, 1758, (e.g., CLEMAM: Gofas & Le Renard, 2017). Recorded by MolluscaBase (2018) as a synonym of *Argonauta argo* Linnaeus, 1758.

sebae, Argonauta (ex Valenciennes ms.) [*Argonauta argo* Linnaeus, 1758]
1914b: 387, pl. XI, fig. 1 [LXIV: 1241, pl. XI, fig. 1]—available name
Type material. Not found in MNHN (Lu *et al.*, 1995).
Type locality. Described from Adriatic Sea.
Remarks. Like the type of *A. ferussaci*, also the holotype of *A. sebae* should be in the MNHN, according to Monterosato (1914b: 387). Recorded by MolluscaBase (2018) as a synonym of *Argonauta argo* Linnaeus, 1758.

CLASS SCAPHOPODA
ORDER DENTALIIDA
Family DENTALIIDAE

†*brugnonei, Dentalium* [*Dentalium brugnonei* Monterosato, 1891] (Figures 40E, F)
1891c: 15 [XL: 948]—available name
Type material. MCZR–M–12947—30 + 2 sh labelled "Dent. brugnonei = brevifissum (non Desh.) Brugnone foss. di Ficarazzi"
MCZR–M–12945—5 sh "Dentalium Brugnonei Monts = brevifissum Brug. non Desh. Ficarazzi"
Type locality. Described from Ficarazzi † (Sicily).
Remarks. Taxon introduced to replace *Dentalium brevifissum* Brugnone, 1876, not Deshayes, 1826. The types refer to Brugnone's name. The name is followed by the mark "F.", standing for the well–known Lower Pleistocene deposits of Ficarazzi (Palermo). Evidently unaware of Monterosato (1891), Steiner & Kabat (2004) highligthed the same homonymy and proposed the same replacement name for *Dentalium brevifissum* Brugnone, 1876, not Deshayes, 1826: i.e. *Dentalium brugnonei* Steiner & Kabat, 2004 [sic!]. *Dentalium brugnonei* and *Dentalium brevifissum* are both recorded by MolluscaBase (2018) as taxon inquirendum. It is a valid fossil species [**new status**].

†*philippii, Dentalium* [*Fissidentalium rectum* (Gmelin, 1791)] (Figures 40G, H)
1872a: 27 [V: 65]—available name
Type material. MCZR–M–12933—31 + 5 sh "D. delessert. v. flexilis Monts = D. flexila Monts. Monte Pellegrino", it is to note that the box includes material from different localities, now undistinguishable from the type material from Monte Pellegrino comunicazione.
MCZR–M–25166—8 sh "Dentalium delessertianum Chenu fossili Pliocene Ficarazzi pr. Palermo"
Type locality. Described from Monte Pellegrino † and Ficarazzi † (Sicily).
Remarks. Recorded by MolluscaBase (2018) as taxon inquirendum. The name was introduced by means of an indication for *Dentalium striatum* Lamarck, 1818 [not Born, 1778], sensu Philippi (1844: 208). Later on Monterosato (1877c: 40) adopted the name *Dentalium delessertianum* Chenu, 1843, reporting his own *D. philippii* as a synonym. Monterosato's name is a primary homonym of *Dentalium philippii* Chenu, 1843, already introduced for *Dentalium striatum* Lamarck, sensu Philippi. Therefore, like *Dentalium delessertianum* (Pilsbry & Sharp, 1898: 213; Caprotti, 1979: 223; Steiner & Kabat, 2004: 582, 630), *Dentalium philippii* Monterosato, 1872 is another junior synonym of *Fissidentalium rectum* (Gmelin, 1791) [**new synonymy**].

Family FUSTIARIIDAE

tenuifissa, Dentalium **[***Fustiaria rubescens*** (Deshayes, 1825)**]** (Figures 40I–K)
1884h: 33 [XXXI: 689]—available name
Type material. MCZR–M–12904—1 sh with slit (along with 1 sh without slit) "*Dentalium rubescen* (Desh) Civitavecchia"

MCZR–M–12889—10 sh with slit (along with 19 sh without slit) "*D. rubescens* Palermo Magnisi Siracusa"
MCZR–M–12950—3 sh with slit (along with 3 sh without slit) "Adriatico Brusina" // 2 sh with slit (along with 1 sh without slit) "*D. rubescens* Phil. Corse"// 2 sh with slit (along with 2 sh without slit) "Fustiaria rubescens Alger (Joly)"// 4 sh with slit (along with 2 sh without slit) "vr. Albina Monts Minorca"// 1 sh (with slit) "D. rubescens maximum Coll. O. G. Costa Taranto?"// 5 sh with slit "Fustiaria rubescens v. maxima Civitav.ª (Donati)"// 3 sh with slit "Quartu Sardegna Fra Piero"// 2 sh with slit "rubescens Desh. spec. maxima Martigues (Martin"
Type locality. Described from Monte Pellegrino † (Sicily) and Monte Mario † (Italy) and Mediterranean Sea.
Remarks. Noticing in samples of *Dentalium rubescens* Deshayes, 1826, from the same locality, the occurrence of specimens with an apical slit or cleft along with others lacking this character, Monterosato (1884h: 33) introduced (conditionally) the name *tenuifissa* for the clefted form. No material in the Monterosato collection is explicitly labelled under this name, but a number of lots are labelled as *Dentalium rubescens*. Several of them include both shells with apical slit and others which lack it, and we consider as type material only the shells with slit. The apical slit fits the characters of *Fustiaria* Stoliczka, 1868, the genus to which *Dentalium rubescens* Deshayes, 1826, is usually ascribed (see, e.g., Caprotti, 1979: 241; Sabelli *et al.*, 1990–1092: 103, 342, 493). Recorded by MolluscaBase (2018) as taxon inquirendum. We easily synonymyze it with *Fustiaria rubescens* (Deshayes, 1825) [**new synonymy**].

ORDER GADILIDA
Family GADILIDAE

abyssicola, Helonyx [*Cadulus subfusiformis* (M. Sars, 1865)] (Figures 40L, M)
1875b: 21 [XIII: 247]—available name
Type material. MCZR–M–12932—4 sh "Palermo"// 7 sh + frg, label on the box bottom: "H. subfusiformis M. Sars (*Cadulus* = H. abyssicola, Monts G. O. Sars p. 106 tav 20 fig 14 a. b"
Type locality. Described from Palermo (Sicily).
Remarks. The name was proposed as a variety of *Helonyx subfusiformis* (M. Sars, 1865), describing it as "piccolissima benché adulta" ["very small, yet adult"] (Monterosato, 1875a: 21). Giannuzzi–Savelli & Piani (1990: 144) regarded it as a nomen nudum, yet this introduction includes a distinctive character (small adult size), and we consider it as a description. Monterosato (1878a: 77), raised the name to the rank of species. Later on, however, he listed *H. abyssicola* as a synonym of *H. subfusiformis* (M. Sars, 1865) (Monterosato, 1880c: 65). Recorded by MolluscaBase (2018) as a synonym of *Cadulus subfusiformis* (M. Sars, 1865).

†***attenuatus***, *Dentalium* [*Cadulus attenuatus* (Monterosato, 1875)] (Figures 40N, O)
1872a: 27 [V: 65]—nomen nudum
1875b: 21 [XIII: 247]—available name
Type material. MCZR–M–12924—137 sh "Cadulus cyathus De Crist. e Jan Ficarazzi." (Brugnone's handwriting).
Type locality. Described from Monte Pellegrino† and Ficarazzi † (Sicily).
Remarks. The name (nomen nudum in Monterosato, 1872a), was validated by Monterosato (1875b: 21) when he put it in the synonymy of *C. cyathus* De Cristofori & Jan, 1832 describing the material from Ficarazzi. This was accepted by Pilsbry & Sharp (1898: 158) and Caprotti (1968: 78) and eventually by Steiner & Kabat (2004), a position that we share. This is a group with a complicated taxonomy (see e.g. Caprotti, 1968 and Moroni & Ruggeri, 1981 for diverging opinions). According to Di Geronimo & La Perna (1997) *C. attenuatus* is distinct from both *C. ovulum* and *C. cyathus*. Recorded by MolluscaBase (2018) as *Cadulus attenuatus* Monterosato, 1875.

jeffreysii, Helonyx [*Cadulus jeffreysi* (Monterosato, 1875)] (Figures 40P, Q)
1875b: 20 [XIII: 246]—available name
Type material. MCZR–M–12918—8 sh "Sciacca"// 2 sh "St. Helena"// 4 sh "Hel. jeffresii sped. Francese mediterraneo". Label on the box bottom: "H. jeffreysii Monts = Cadulus subfusiformis Jeffr. (non M. Sars) vedi Jeffr. *Brit. Conch*. V. tav. VIII, f. 6. e tav. CI fig. 3".
MCZR–M–12896—154 sh "Helonix jeffresi, Monterosato = Cadulus subfusiformis Jeffr. Palermo, England"// 6

sh “Helonix jeffreysi, Monterosato England”
Type locality. Described from Palermo and San Vito lo Capo (Sicily), Napoli (Italy), Mediterranean Sea and Atlantic.
Remarks. The name was introduced (with a description) for *Cadulus subfusiformis* (M. Sars, 1865), sensu Jeffreys (1869 [1862–1869]: 196). Monterosato (1875a: 20) stated that the species inhabits both the Atlantic and the Mediterranean waters, and recorded it from Palermo, Capo San Vito, Napoli and the Aegean Sea. The species was discussed in Gaglini (1985), who figured (p. 7, fig. 1) two shells in the MCZR from the English coasts: we failed to locate those shells, which could be regarded as syntypes. Recorded by MolluscaBase (2018) as *Cadulus jeffreysi* (Monterosato, 1875).

†***ovulinum, Cadulus*** [*Cadulus ovulinum* Monterosato, 1891] taxon inquirendum (Figures 40R, S)
1891c: 15 [XL: 948]—available name
Type material. MCZR–M–30050—1 sh “C. ovulinum, Monts in Bull. Soc. Sc. Mat. Pal. 1891) Foss. Ficarazzi! Diverso dal C. ovulum foss. di Messina”
Type locality. Described from Ficarazzi † (Sicily).
Remarks. The name was introduced with a brief description. It would be similar to *C. ovulum* (Philippi, 1844), but smaller and less swollen. The “F” after the description pointed out that the species was found at Ficarazzi (Palermo). Recorded by MolluscaBase (2018) as taxon inquirendum.

Discussion

According to our revision, Monterosato introduced 527 names for terrestrial, freshwater and marine molluscs, of which 361 (68.5%) are available. A good deal of names (123 of 527; 23%) were manuscript names of other Authors, witnessing the dense network of relationships (also international) of Monterosato. Of the 324 names available for marine species, 4 are Polyplacophora (1.2%), 266 are Gastropoda (82.1%), 43 are Bivalvia (13.3%), 4 are Cephalopoda (1.2%), and 7 are Scaphopoda (2.2%). Of them, 13 replacements names (4%) must have their types in other collections. Of the remaining 311 names for which the types should be at MCZR, we have found type material for 278 nominal taxa (89%). Comparing the situation with the work on Jeffreys’ collection made by Warén (1980), where 93.5% of the taxa yielded type material, the situation in the Monterosato collection may be regarded as good, especially considering its troubled history.

Basing on our specific taxonomic skills, we could benefit of the examination of the retrieved type material to asses the actual identity of most of the involved taxa. We have proposed a new status for 15 nominal taxa with respect to current taxonomy of northeastern Atlantic and Mediterranean marine molluscs. We have also proposed a total of 42 new synonymies, and 6 new combinations (change of genus).

TABLE 3. Summary of numbers for Monterosato’s marine taxa nomenclature.

	Introduced names	Not available	Available
Polyplacophora	5	1	4
Gastropoda	382	116	266
Bivalvia	69	26	43
Cephalopoda	5	1	4
Scaphopoda	7	0	7
Total	468	144	324
New synonymies			42
New combinations			6
New status			15

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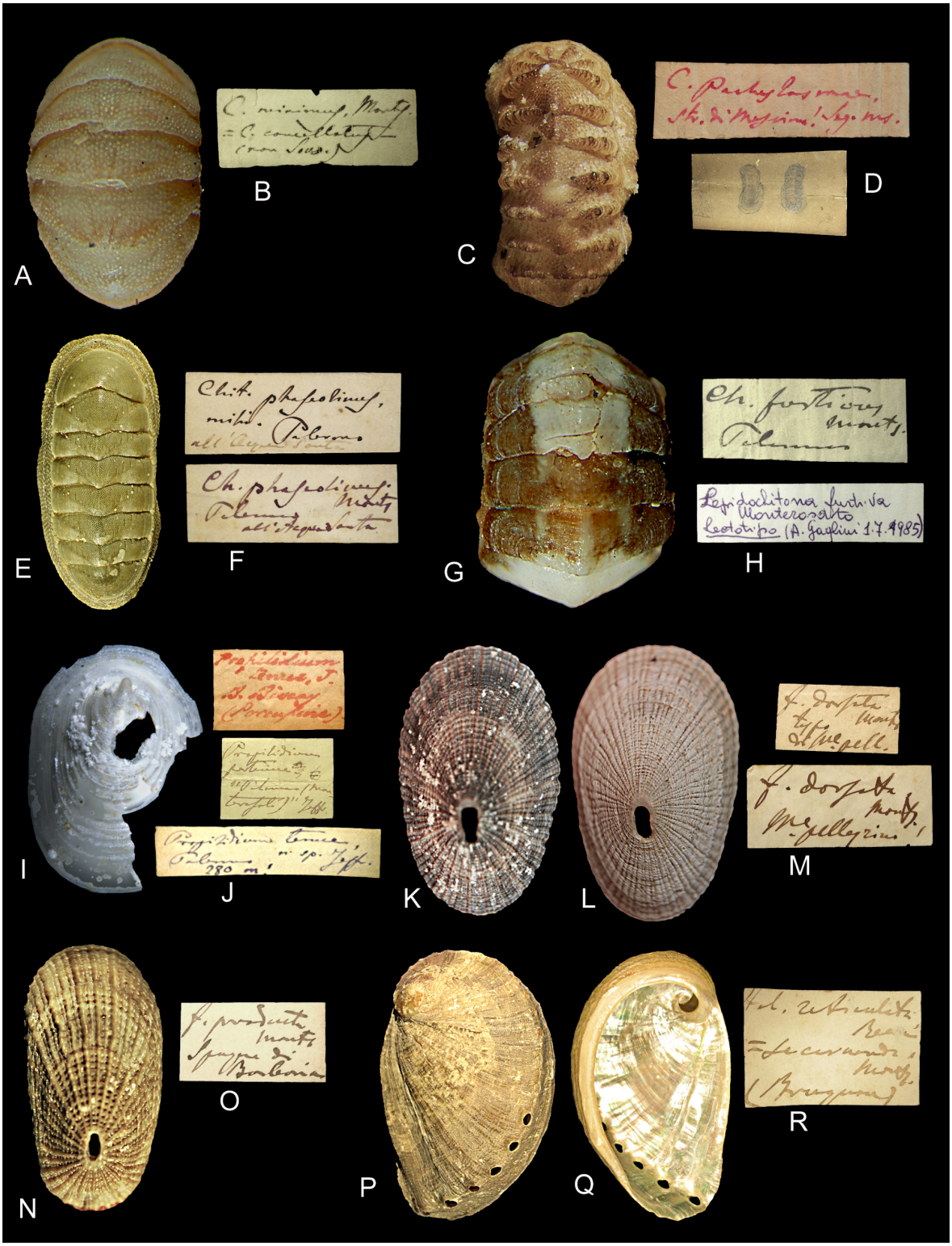

FIGURE 1. A, B. *Chiton cimicoides* Monterosato, 1879, lectotype, Palermo (Sicily), H. 2.15 mm, with original label (MCZR–M–30001); **C, D.** *Chiton pachylasmae* Monterosato, 1879, holotype, Messina Strait (Italy), H. 3.4 mm, with original label and drawing (MCZR–M–12683); **E, F.** *Chiton phaseolinus* Monterosato, 1879, Palermo, (Sicily), H. 8.4 mm, with original labels (MCZR–M–12674); **G, H.** *Chiton furtivus* Monterosato, 1872, lectotype, Palermo (Sicily), H. 3.1 mm, with original labels (MCZR–M–12718); **I, J**. *Propilidium tenue* Monterosato, 1880, Palermo (Sicily), H. 2.1 mm, with original labels (MCZR–M–12144); **K–M.** *Fissurella dorsata* Monterosato, 1878, fossil of Monte Pellegrino (Sicily), H. 38 mm, and H. 26.9 mm, with original labels (MCZR–M–11943); **N, O**. *Fissurella producta* Monterosato, 1880, lectotype, "Barberia" (Tunisia), H. 18.3 mm, with original label (MCZR–M–11965); **P–R.** *Haliotis secernenda* Monterosato, 1877, Palermo (Sicily), H. 44.1 mm, with original label (MCZR–M–11858).

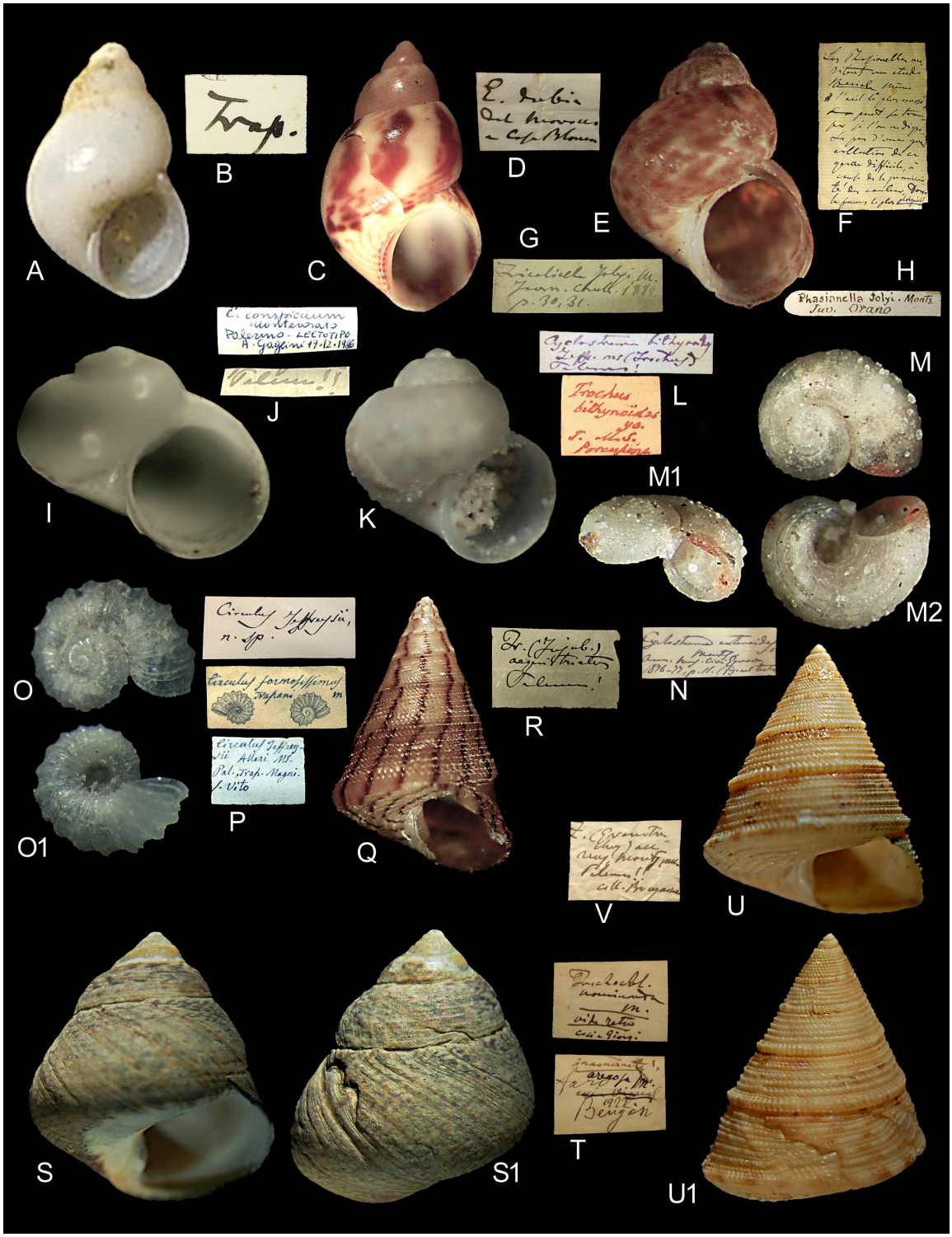

FIGURE 2. A, B. *Tricoliella candidula* Monterosato, 1917, Trapani (Sicily), H. 6.1 mm, with original label (MCZR–M–10745); **C, D.** *Eudora dubia* Monterosato, 1889, Casablanca (Morocco), H. 10.2 mm, with original label (MCZR–M–10723); **E–H.** *Tricoliella jolyi* Monterosato, 1889, Oran (Algeria), H. 2.1 mm, with original labels (MCZR–M–30051); **I, J**. *Cyclostrema conspicuum* Monterosato, 1880, lectotype, Palermo (Sicily), D 1.9 mm with original labels (MCZR–M–30002); **K, L.** *Cyclostrema bithynoides* Monterosato, 1880, Palermo (Sicily), H. 0.87 mm with original labels (MCZR–M–11787); **M, N.** *Cyclostrema catenoides* Monterosato, 1877, Magnisi (Sicily), D. 1,1 mm, with original label (MCZR–M–11807); **O, P**. *Circulus jeffreysii* Monterosato, 1872, Palermo (Sicily) D. 1 mm, with original labels (MCZR–M–21809); **Q, R**. *Zizyphinus aequistriatus* Monterosato, 1884, Palermo (Sicily), H. 8.6 mm, with original label (MCZR–M–11688); **S, T**. *Trochocochlea arenosa* Monterosato, 1923, Benghazi, (Libya), H. 18 mm, with original label (recto-verso) (MCZR–M–11071); **U, V**. *Jujubinus aureus* Monterosato, 1890, Palermo (Sicily), H. 13.3 mm, with original label (MCZR–M–30003).

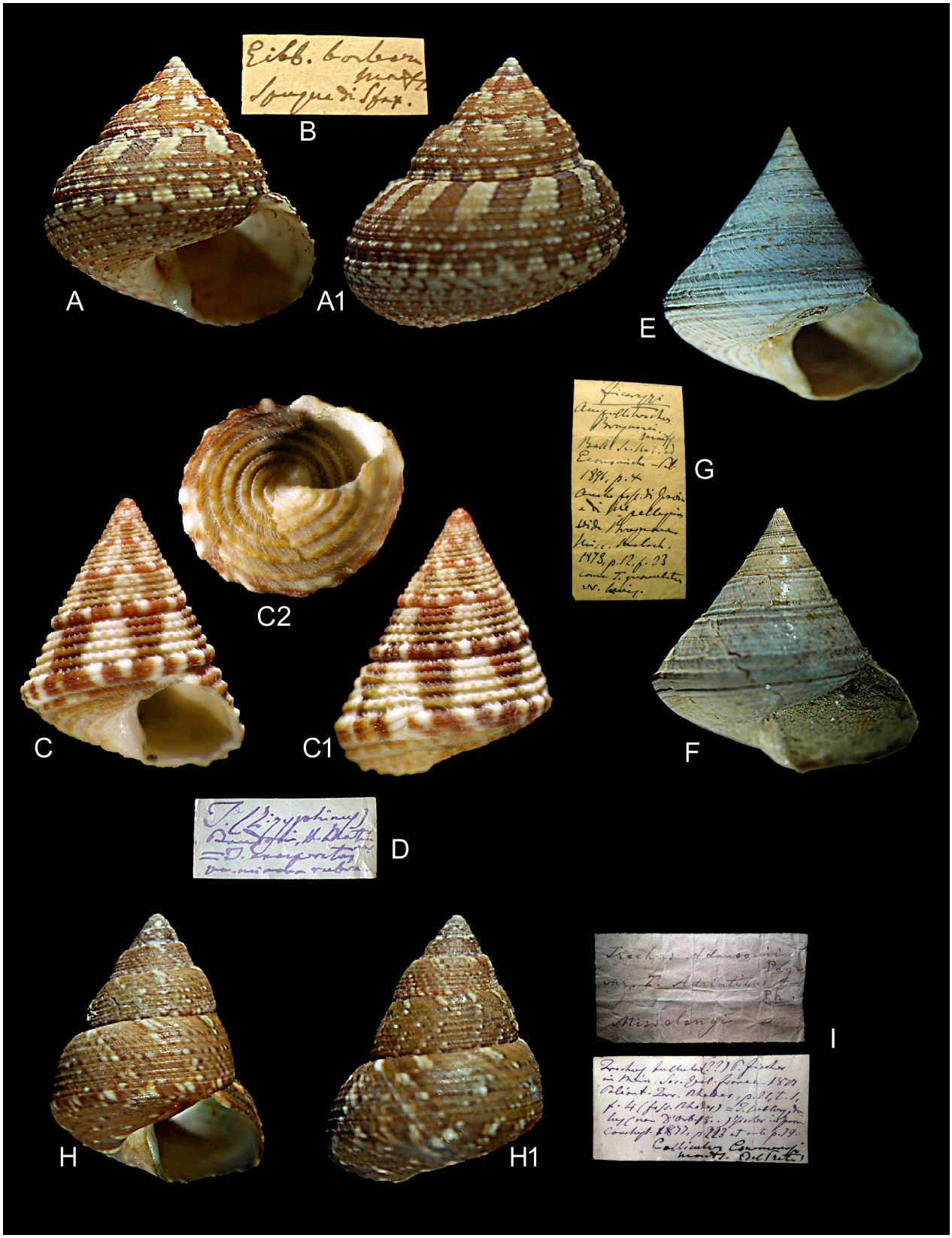

FIGURE 3. A, B. *Gibbula barbara* Monterosato, 1884, Sfax (Tunisia), H. 13.9 mm, with original label (MCZR–M–11312); **C, D.** *Trochus baudoni* Monterosato, 1891, lectotype, Paulilles (France), H. 6.5 mm, with original label (MCZR–M–11725); **E–G**. *Ampullotrochus brugnonei* Monterosato, 1890, fossil of Ficarazzi (Sicily), H. 33.4 mm, and H. 30 mm, with original label (MCZR–M–11493 and MCZR–M–11494); **H, I.** *Gibbula conemenosi* Monterosato, 1888, Missolungi (Greece), H. 12.8 mm, with original labels (MCZR–M–11320).

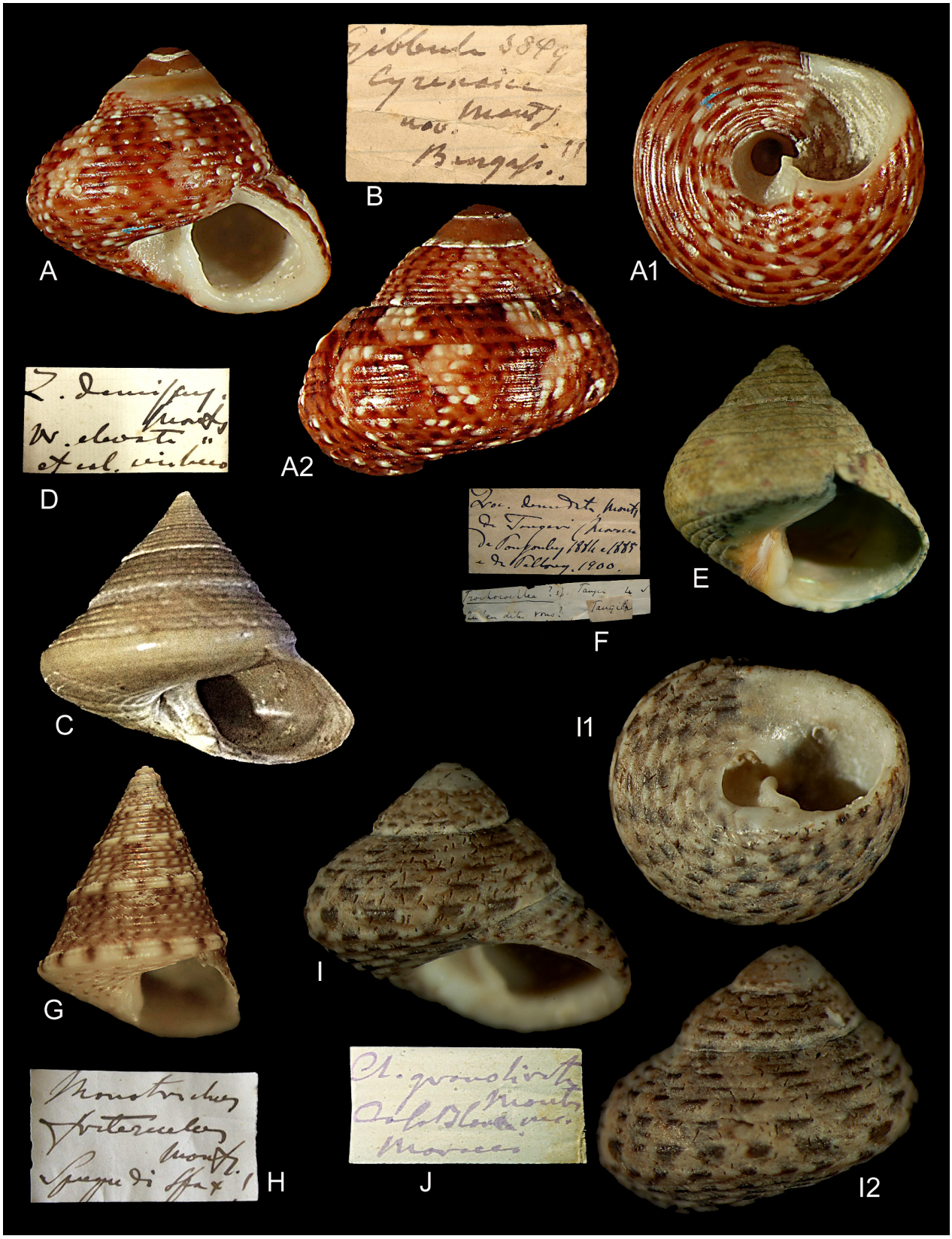

FIGURE 4. A, B. *Gibbula cyrenaica* Monterosato, 1923, Benghazi (Libya), H. 8.1 mm, with original label (MCZR–M–11267); **C, D.** *Zizyphinus demissus* Monterosato, 1889, Algiers (Algeria), H. 20.6 mm, with original label (MCZR–M–11617); **E, F**. *Trochocochlea denudata* Monterosato, 1888, Tangier (Morocco), H. 24 mm, with original labels (MCZR–M–11133); **G, H.** *Trochus fraterculus* Monterosato, 1880, Sfax (Tunisia), H. 7.36 mm, with original label (MCZR–M–11705); **I, J.** *Clanculopsis granolirata* Monterosato, 1889, Casablanca (Morocco), H. 8.8 mm, with original label (MCZR–M–10935).

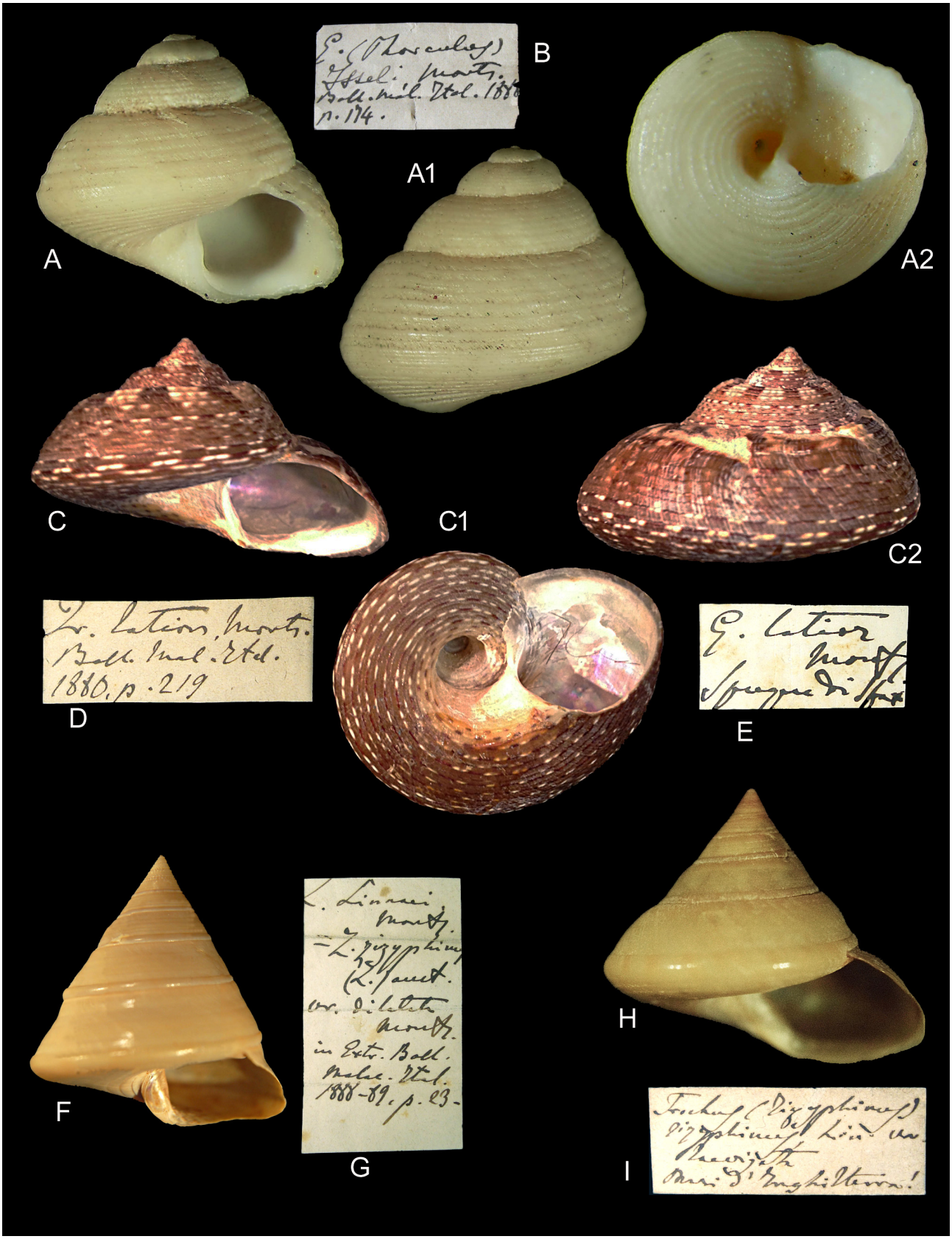

FIGURE 5. A, B. *Gibbula isseli* Monterosato, 1889, Costantinopoli (Turkey), H. 4.9 mm, with original label (MCZR–M–11304); **C–E**. *Trochus latior* Monterosato, 1880, Sfax (Tunisia), H. 17.5 mm, with original labels (MCZR–M–11306); **F, G**. *Zizyphinus linnaei* Monterosato, 1884, Palermo (Sicily), H. 23.2 mm, with original label (MCZR–M–11543); **H, I**. *Zizyphinus lissus* Monterosato, 1889, Yorkshire (U. K.), H. 22.2 mm, with original label (MCZR–M–11578).

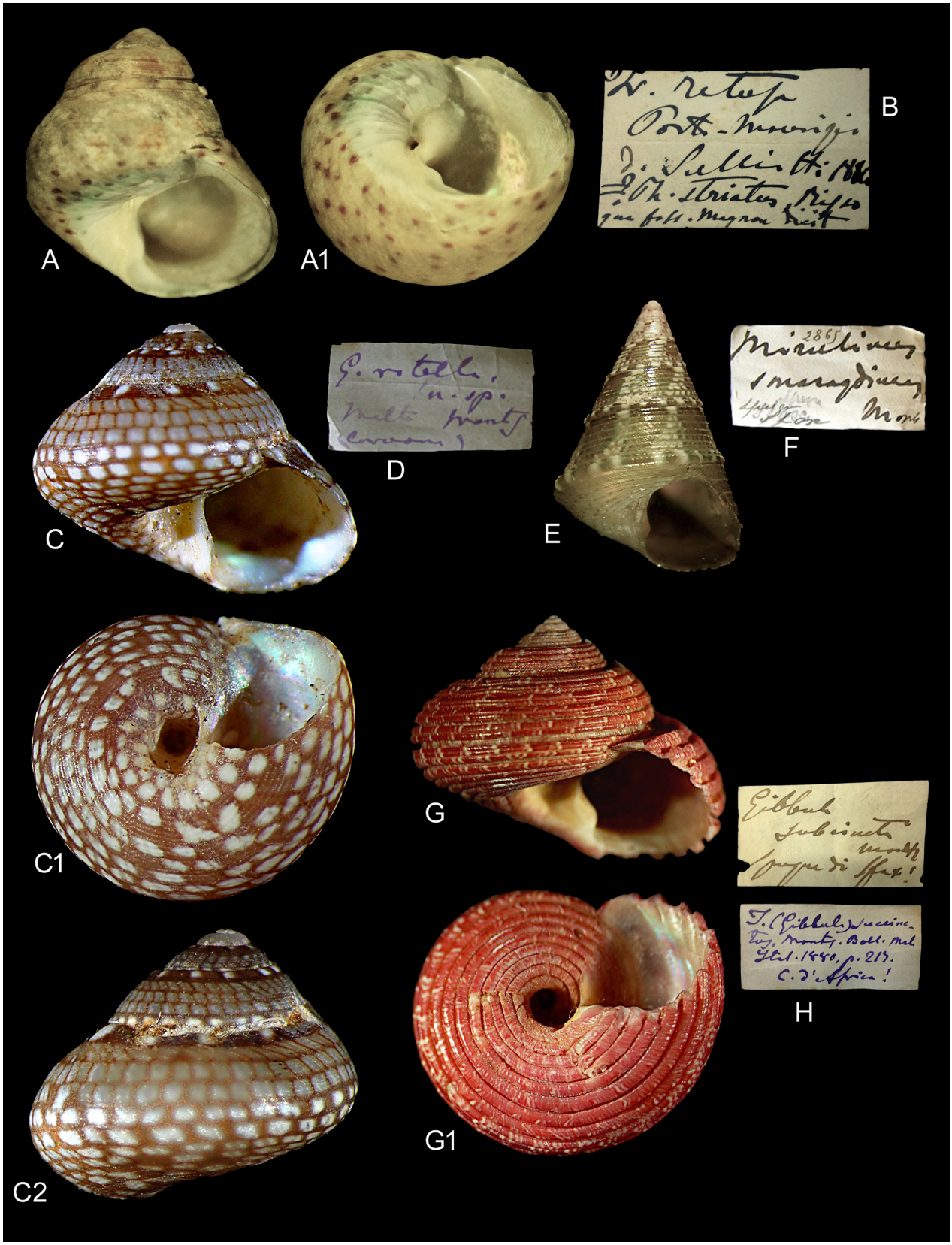

FIGURE 6. A, B. *Trochocochlea retusa* Monterosato, 1888, Porto Maurizio (Italy) (ex Sulliotti coll.) H. 18.8 mm, with original label (MCZR–M–11122); **C, D**. *Gibbula rotella* Monterosato, 1888, Malta, (ex Caruana coll.), H. 5.5 mm, with original label (MCZR–M–11303); **E, F.** *Trochus smaragdinus* Monterosato, 1880, Sfax (Tunisia), H. 7.5 mm, with original label (MCZR–M–11700); **G, H.** *Gibbula subcincta* Monterosato, 1888, coasts of Africa, H. 12.5 mm, with original label (MCZR–M–11358).

FIGURE 7. A, B. *Gibbula sulliottii* Monterosato, 1888, Messina (Sicily), H. 8.0 mm, with original label (MCZR–M–11363); **C, D**. *Gibbula tantilla* Monterosato, 1890, paralectotype, Palermo (Sicily) H. 3.3 mm, with original label (MCZR–M–11269); **E, F.** *Trochocochlea trivialis* Monterosato, 1888, Livorno (Italy), H. 18.4 mm, with original label (MCZR–M–11064); **G–I.** *Gibbula vimontiae* Monterosato, 1884, lectotype, coasts of Provence (France), H. 2.4 mm, with original labels (MCZR–M–11282).

FIGURE 8. A, B. *Drillocerithium argutum* Monterosato, 1910, Dalmatia, H. 45.8 mm (ex Sandri coll.) with original label (MCZR–M–8881); **C, D.** *Hirtocerithium clavulum* Monterosato, 1910, Tripoli (Libya) H. 25.4 mm, (ex Crema coll.) with original labels (MCZR–M–8801); **E, F.** *Drillocerithium delphinum* Monterosato, 1910, Palermo (Sicily), H. 49.3 mm, with original label (MCZR–M–8957); **G, H.** *Thericium diblasii* Monterosato, 1910, fossil of Monte Pellegrino (Sicily), H. 31.9 mm, with original label (MCZR–M–8646); **I, J.** *Gladiocerithium directum* Monterosato, 1910, fossil of Monte Pellegrino (Sicily), H. 81.7 mm, with original labels (MCZR–M–8650); **K, L.** *Cerithiolum exiguum* Monterosato, 1884, Sfax (Tunisia), H. 9.6 mm with original labels (MCZR–M–30004); **M, N.** *Hirtocerithium fartulum* Monterosato, 1923, Benghazi (Libya), H. 18.1 mm, with original label (MCZR–M–20964); **O, P.** *Hirtocerithium grossularium* Monterosato, 1917, Tripoli (Libya), H. 26.5 mm, with original label (MCZR–M–20942); **Q, R.** *Bittium hanleyanum* Monterosato, 1889, Mogador (Morocco), H. 7.5 mm, with original label (recto-verso) (MCZR–M–21061); **S–U**. *Pliocerithium holothurium* Monterosato, 1910, fossil of Cannamasca, Altavilla (Sicily), H. 71.1 mm, and H. 75.1 mm, with original labels (MCZR–M–8649).

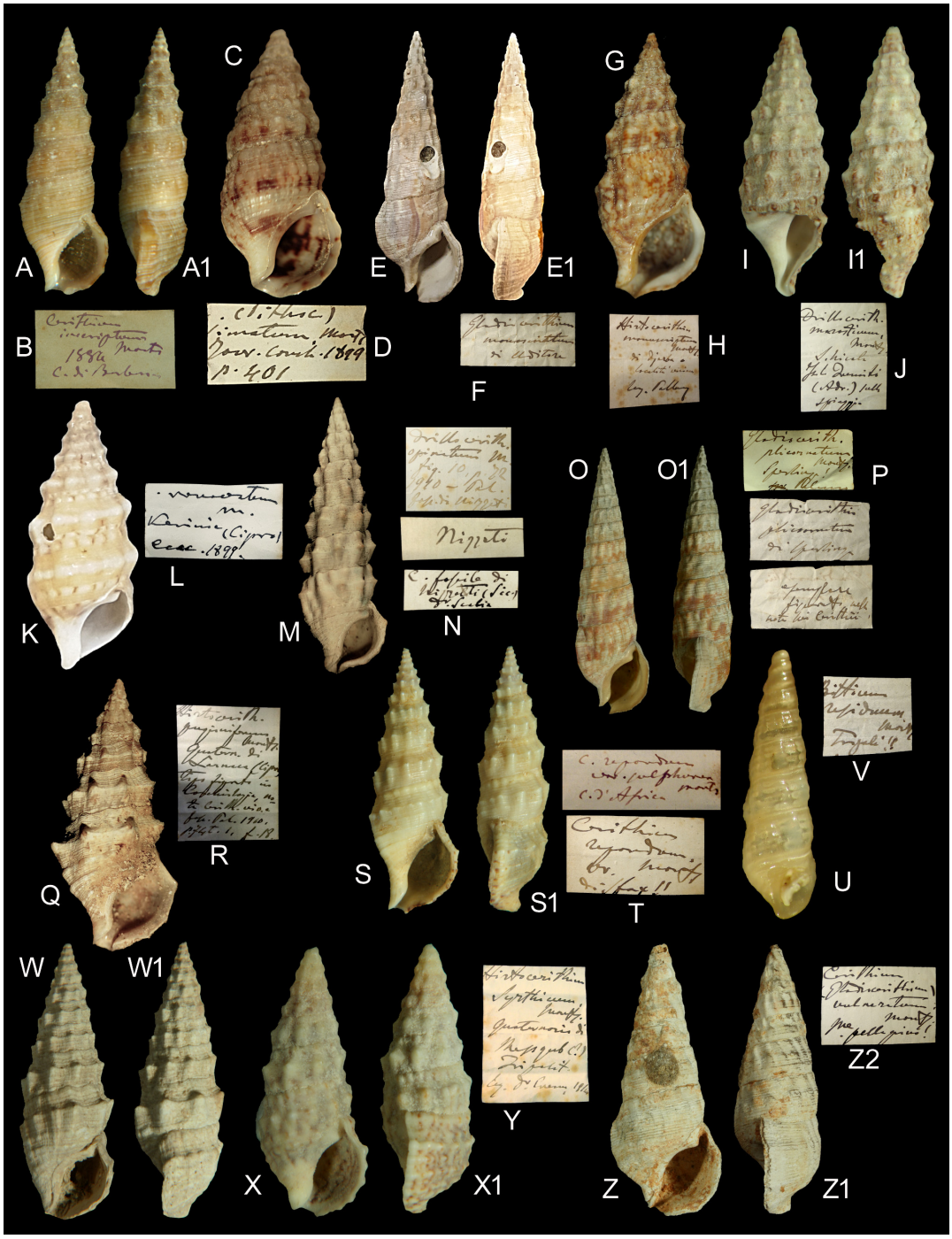

FIGURE 9. A, B. *Cerithium inscriptum* Monterosato, 1884, coasts of Barberia (Tunisia), H. 20.1 mm, with original label (MCZR–M–8949); **C, D.** *Cerithium limatum* Monterosato, 1899, Cyprus, H. 12.9 mm, with original label (MCZR–M–20791); **E, F**. *Gladiocerithium manustriatum* Monterosato, 1910, fossil of Uditore, Palermo (Sicily), H. 54.7 mm, with original label (MCZR–M–8648); **G, H.** *Hirtocerithlum manuscriptum* Monterosato, 1917, Djerba (Tunisia), H. 23.7 mm, with original label (MCZR–M–8796); **I, J.** *Drillocerithium marosticum* Monterosato, 1910, S. Nicola, Tremiti Island (Italy), H. 33.82 mm, with original label (MCZR–M–8861); **K, L.** *Cerithium monterosati* Monterosato, 1899 ex Brusina ms. Kerinia (Cyprus), H. 12 mm with original label (MCZR– M–8928); **M, N.** *Drillocerithium opinatum* Monterosato, 1910, fossil of Nizzeti, Palermo (Sicily), H. 34.1 mm, with original labels (MCZR–M–30005); **O, P.** *Gladiocerithium plicornatum* Monterosato, 1910, fossil of Sperlinga, Palermo (Sicily), H. 79.3 mm, with original labels (MCZR–M–8644); **Q, R.** *Hirtocerithium pugioniferum* Monterosato, 1890, fossil of Larnaka (Cyprus), H. 23.3 mm, with original label (MCZR–M–8664); **S, T.** *Cerithium repandum* Monterosato, 1878, Sfax (Tunisia), H. 32 mm, with original labels (MCZR–M–8675); **U, V.** *Bittium residuum* Monterosato, 1917, Tripoli (Libya), H. 3.4 mm, with original label (MCZR–M–30006); **W–Y**. *Hirtocerithium syrthicum* Monterosato, 1917, fossil of Mengùb (Libya), H. 20.4 mm, and H. 23 mm, with original label (MCZR–M–8835); **Z, Z2.** *Gladiocerithium vulneratum* Monterosato, 1910, fossil of Monte Pellegrino (Sicily), H. 56.5 mm, with original label (MCZR–M–8645).

FIGURE 10. A, B. *Turritella britannica* Monterosato, 1890, England, H. 59.8 mm, with original labels (MCZR–M–21397); **C, D.** *Turritella decipiens* Monterosato, coasts of Barberia (Tunisia), H. 17.4 mm, with original label (MCZR–M–21434); **E, F.** *Turritella mediterranea* Monterosato, 1890, Palermo (Sicily), H. 51.1 mm, with original label (MCZR–M–21361); **G, H.** *Turritella turbona* Monterosato, 1877, Civitavecchia (Italy), H. 39.2 mm, (ex Donati coll.) with original label (MCZR–M–21406); **I, J**. *Scalaria candidissima* Monterosato, 1877, Algiers (Algeria), H. 9.98 mm, and H. 5.2 mm, no label (MCZR–M–30007); **K, L.** *Scalaria commutata* Monterosato, 1877, Palermo (Sicily), H. 14.3 mm, with original labels (MCZR–M–23554); **M, N**. *Hyaloscala finitima* Monterosato, 1890, Gulf of Napoli (Italy), H. 3.8 mm, (ex Acton coll.) with original labels (MCZR–M–23502); **O, P.** *Scalaria hispidula* Monterosato, 1874, Palermo (Sicily), H. 3.05 mm, with original labels (MCZR–M–23621); **Q, R.** *Scalaria jolyi* Monterosato, 1878, Algiers (Algeria) H. 13.1 mm, (ex Joly coll.) with original labels (recto-verso) (MCZR–M–23494); **S, T.** *Linctoscala lacerata* Monterosato, 1890, fossil of Ficarazzi (Sicily), H. 19.5 mm with original labels (MCZR–M–23441); **U, V.** *Linctoscala lincta* Monterosato, 1890, paralectotype, Palermo (Sicily), H. 4.9 mm (ex De Boury coll.), with original label (MCZR–M–23500).

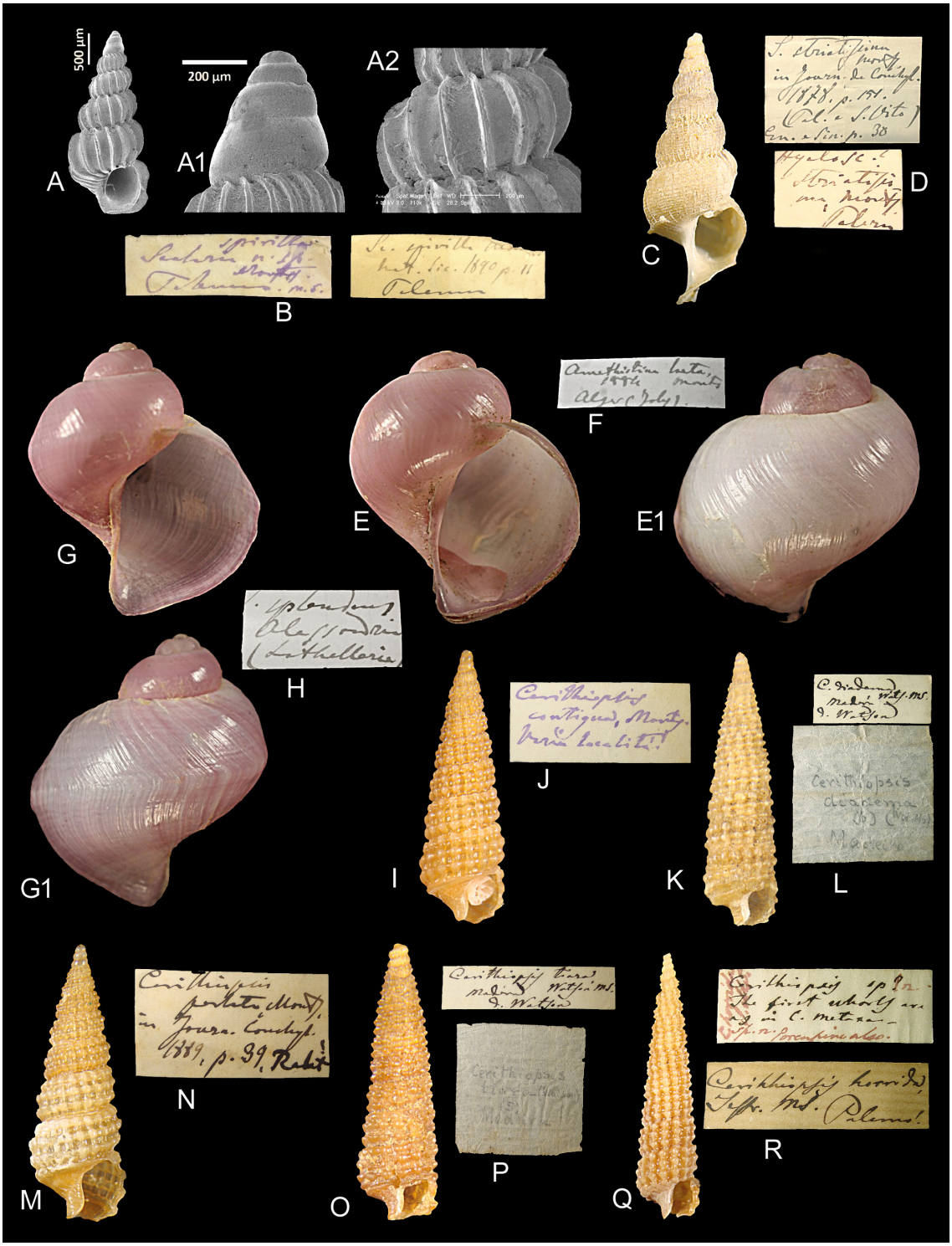

FIGURE 11. A, B. *Hyaloscala spirilla* Monterosato, 1890, SEM images, Palermo (Sicily), H. 3 mm, with original labels (MCZR–M–23467); **C, D.** *Scalaria striatissima* Monterosato, 1878, Palermo (Sicily), H. 8.4 mm, with original labels (MCZR–M–23508); **E, F.** *Amethistina laeta* Monterosato, 1884, lectotype, Algiers (Algeria) H. 13.5 mm (ex Joly coll.) with original label (MCZR–M–23414); **G, H.** *Janthina splendens* Monterosato, 1884, lectotype, Alessandria (Egypt) H. 14.4 mm (ex Lothellerie coll.) with original label (MCZR–M–23423); **I, J**. *Cerithiopsis contigua* Monterosato, 1878, Casablanca (Morocco), H. 4.3 mm, with original label (MCZR–M–21158); **K, L**. *Cerithiopsis diadema* Monterosato, 1874 ex Watson ms., Madeira, H. 3.5 mm, (ex Watson coll.) with original labels (MCZR–M–21014); **M, N**. *Cerithiopsis perlata* Monterosato, 1889, Rabat (Marocco), H. 4.9 mm, with original label (MCZR–M–21151); **O, P.** *Cerithiopsis tiara* Monterosato, 1874 ex Watson ms., lectotype, Madeira, H. 4.5 mm, with original labels (MCZR–M–21141); **Q, R**. *Cerithiopsis horrida* Monterosato, 1874 ex Jeffrey sms., Palermo (Sicily), H. 6.6 mm, with original labels (MCZR–M–21173).

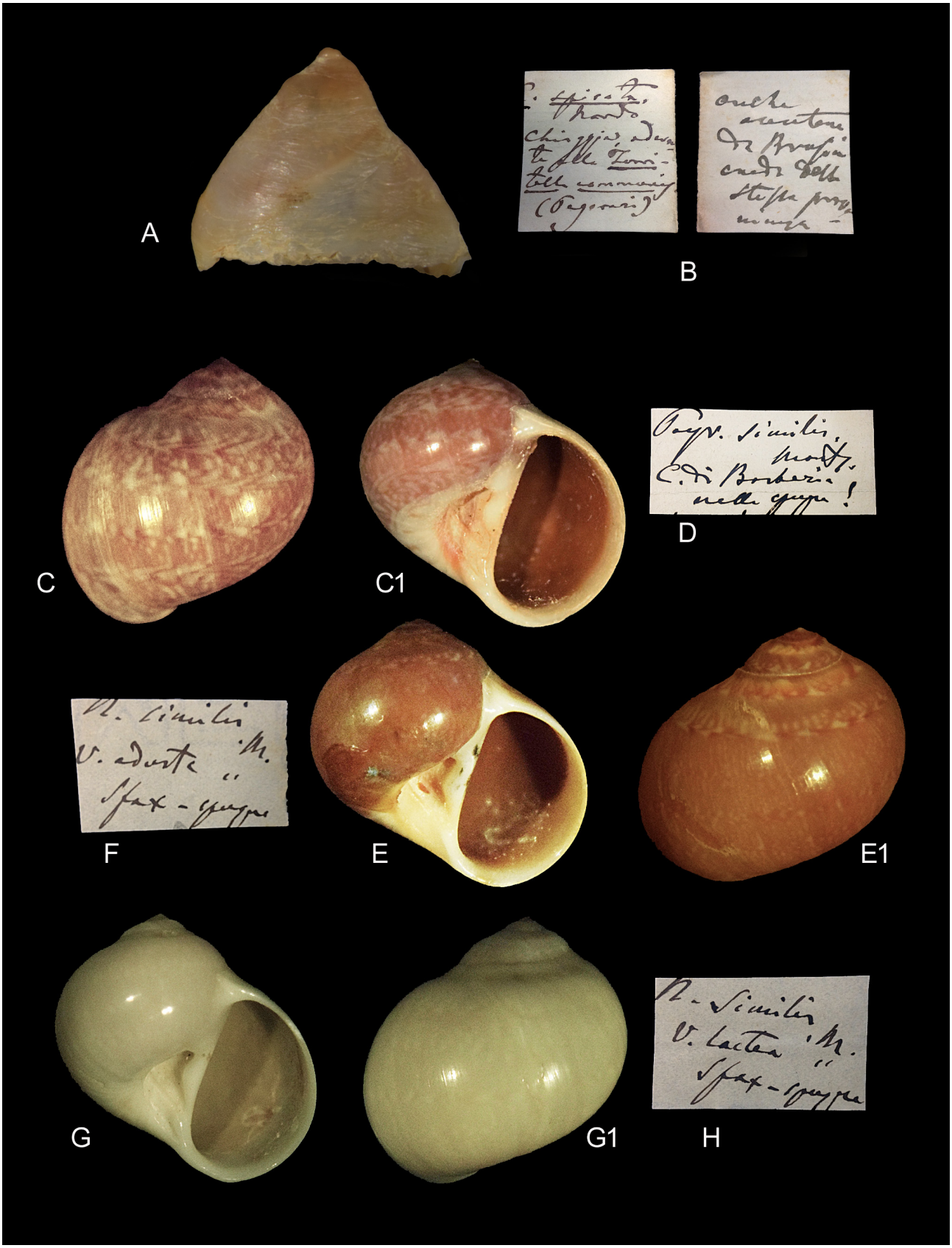

FIGURE 12. A, B. *Calyptraea spirata* Monterosato, 1890 ex Nardo ms., Chioggia (Italy), H. 7.6 mm with original label (recto-verso) (MCZR–M–22939); **C, D**. *Payraudeautia similis* Monterosato, 1884, coasts of Barberia (Tunisia), H. 13.4 mm with original label (MCZR–M–23337); **E, F.** *P. similis* var. *adusta,* Sfax (Tunisia), H. 12.6 mm with original label (MCZR–M–23337); **G, H.** *P. similis* var. *lactea,* Sfax (Tunisia), H. 14.7 mm with original label (MCZR–M–23337).

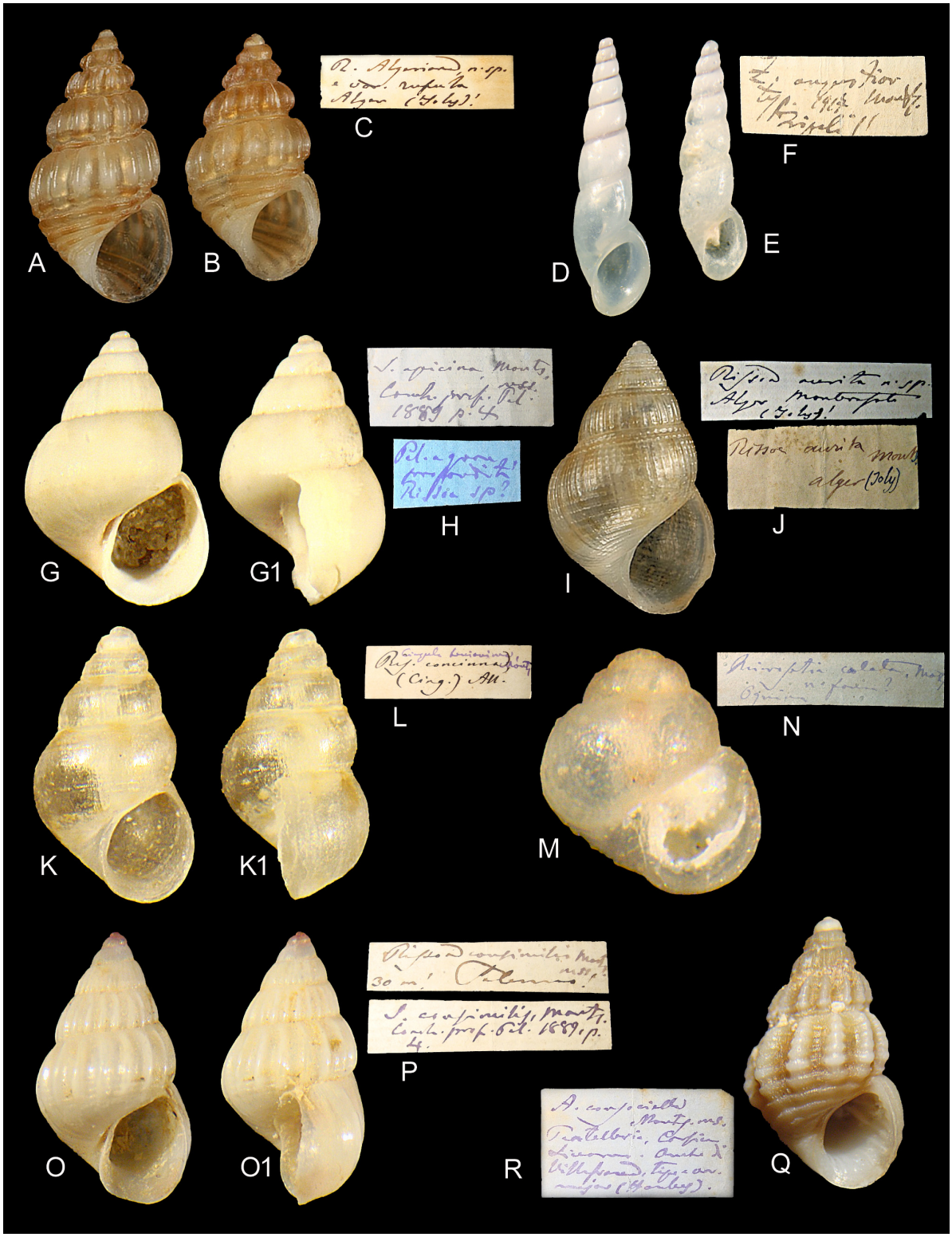

FIGURE 13. A–C. *Rissoa algeriana* Monterosato, 1877, Algiers (Algeria), H. 4.4 mm and var. *rufula* H. 3.1 mm (ex Joly coll.), with original label (MCZR–M–22182); **D–F.** *Zippora angustior* Monterosato, 1917, Tripoli (Libya), H. 6.45 mm and H. 4.3 mm with original label (MCZR–M–30008); **G, H.** *Sabanea apicina* Monterosato, 1890, Palermo (Sicily), H. 1.9 mm, with original labels (MCZR–M–22011); **I, J**. *Rissoa aurita* Monterosato, 1877, Algiers (Algeria), H. 3.1 mm (ex Joly coll.), with original labels (MCZR–M–22255); **K, L.** *Cingula beniamina* Monterosato, 1884, paralectotype, Trapani, (Sicily), H. 1.7 mm, with original label (MCZR–M–22252); **M, N.** *Microsetia coelata* Monterosato, 1884, lectotype, Ognina (Sicily), H. 0.9 mm with original label (MCZR–M–30009); **O, P**. *Sabanea consimilis* Monterosato, 1890, Palermo (Sicily), H. 2.2 mm, with original labels (MCZR–M–30010); **Q, R.** *Alvania consociella* Monterosato, 1884, lectotype, Corsica (France), H. 3.3 mm, with original label (MCZR–M–22159).

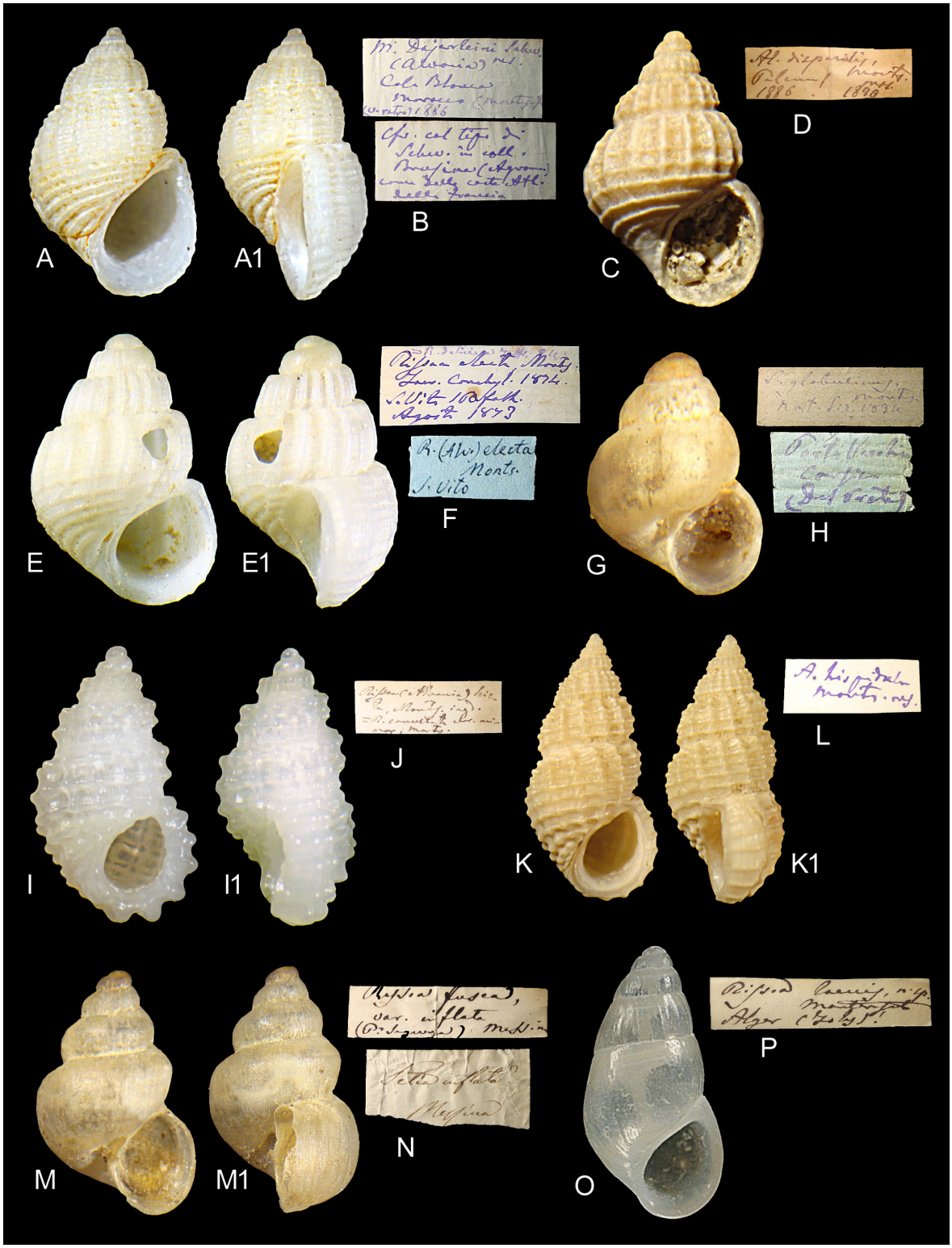

FIGURE 14. A, B. *Massotia dajerleini* Monterosato, 1889 ex Schwartz von Mohrenstern ms., Casblanca (Morocco), H. 4.75 mm, with original label (recto-verso) (MCZR–M–30012); **C, D.** *Alvania disparilis* Monterosato, 1890, Palermo (Sicily), H. 2.95 mm, with original label (MCZR–M–22155); **E, F.** *Rissoa electa* Monterosato, 1874, San Vito lo Capo (Sicily), H. 1.95 mm, with original labels (MCZR–M–22178); **G, H.** *Setia globulinus* Monterosato, 1884, Porto Vecchio (Corsica, France), H. 1.35 mm (ex Del Prete coll.), with original labels (MCZR–M–22364); **I, J.** *Acinopsis hirta* Monterosato, 1884, Magnisi (Sicily), H. 3.05 mm, with original label (MCZR–M–22135); **K, L.** *Acinus hispidulus* Monterosato, 1884, Palermo (Sicily), H. 4.25 mm, with original label (MCZR–M–22130); **M, N**. *Setia inflata* Monterosato, 1884, Messina (Sicily), H. 2.35 mm, with original labels (MCZR–M–22343); **O, P.** *Rissoa laevis* Monterosato, 1877, Algiers (Algeria), H. 3.2 mm (ex Joly coll.) with original label (MCZR–M–30013).

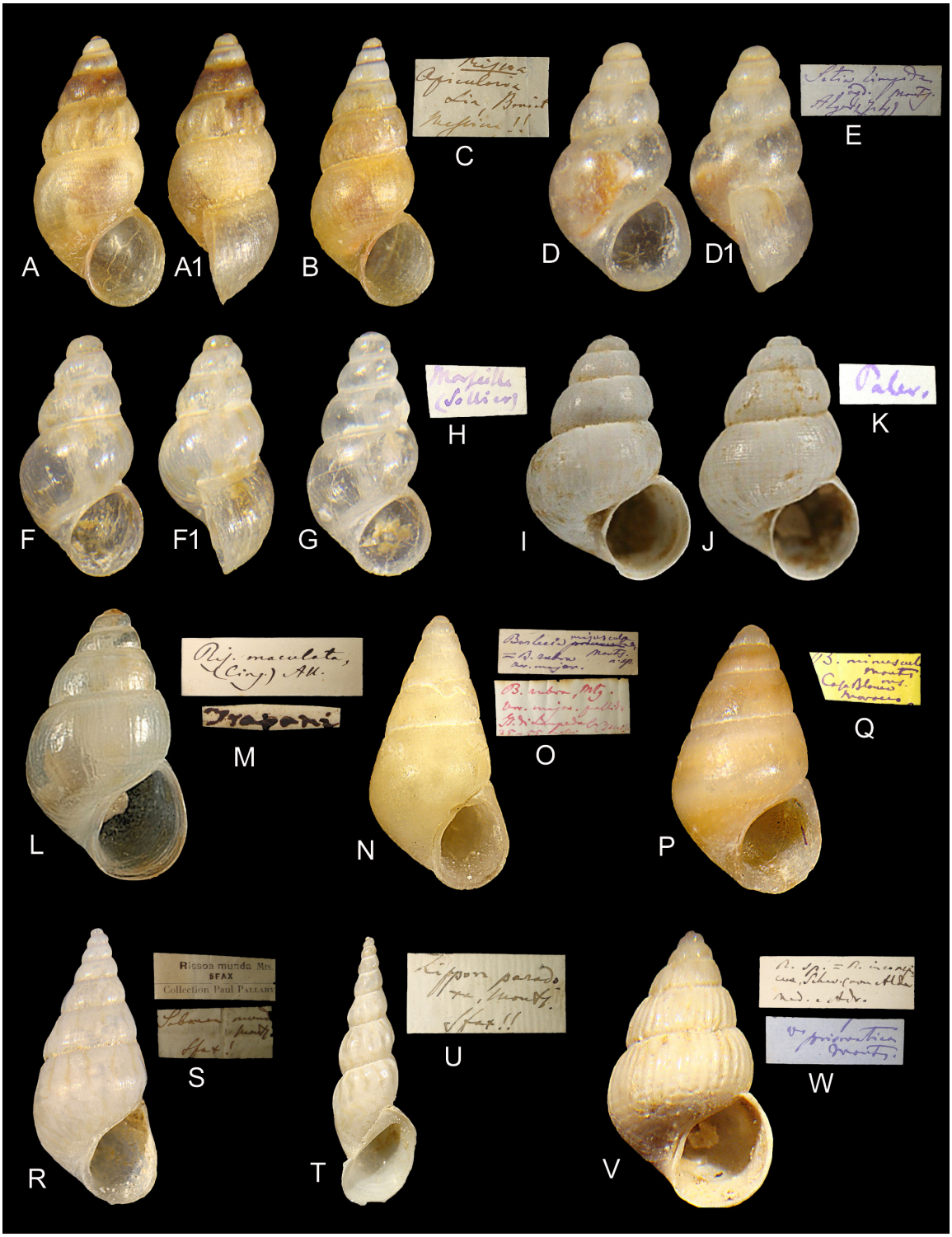

FIGURE 15. A–C. *Apicularia lia* Monterosato, 1872 ex Benoit ms., Messina (Sicily), H. 3.35 mm and H. 3.45 mm, with original label (MCZR–M–30014); **D, E.** *Setia limpida* Monterosato, 1884, Algiers (Algeria), H. 1.85 mm (ex Joly coll.), with original label (MCZR–M–22352); **F–H.** *Setia limpida* Monterosato, 1884, Marseille (France), H. 1.67 mm and H. 1.7 mm (ex Sollier coll.), with original label (MCZR–M–22352); **I–K**. *Setia macilenta Monterosato*, 1880, Palermo (Sicily), H. 1.4 mm and 1.1 mm, with original label (MCZR–M–22346); **L, M.** *Cingula maculata* Monterosato, 1869. Trapani (Sicily), H. 2.1 mm, with original labels (MCZR–M–22251); **N, O.** *Barleeia majuscula* Monterosato, 1884, Lampedusa Is., H. 4.35 mm, with original labels (MCZR–M–22309); **P, Q.** *Barleeia minuscula* Monterosato, 1889, Casablanca (Morocco), H. 2.8 mm, with original label (MCZR–M–22287); **R, S.** *Sabanea munda* Monterosato, 1884, Sfax (Tunisia), H. 4.5 mm (ex Pallary coll.), with original labels (MCZR–M–30015); **T, U**. *Zippora paradoxa* Monterosato, 1884, Sfax (Tunisia), H. 7.25 mm, with original label (MCZR–M–30016); **V, W.** *Sabanea prismatica* Monterosato, 1890, Palermo (Sicily), H. 2.15 mm, with original labels (MCZR–M–30017).

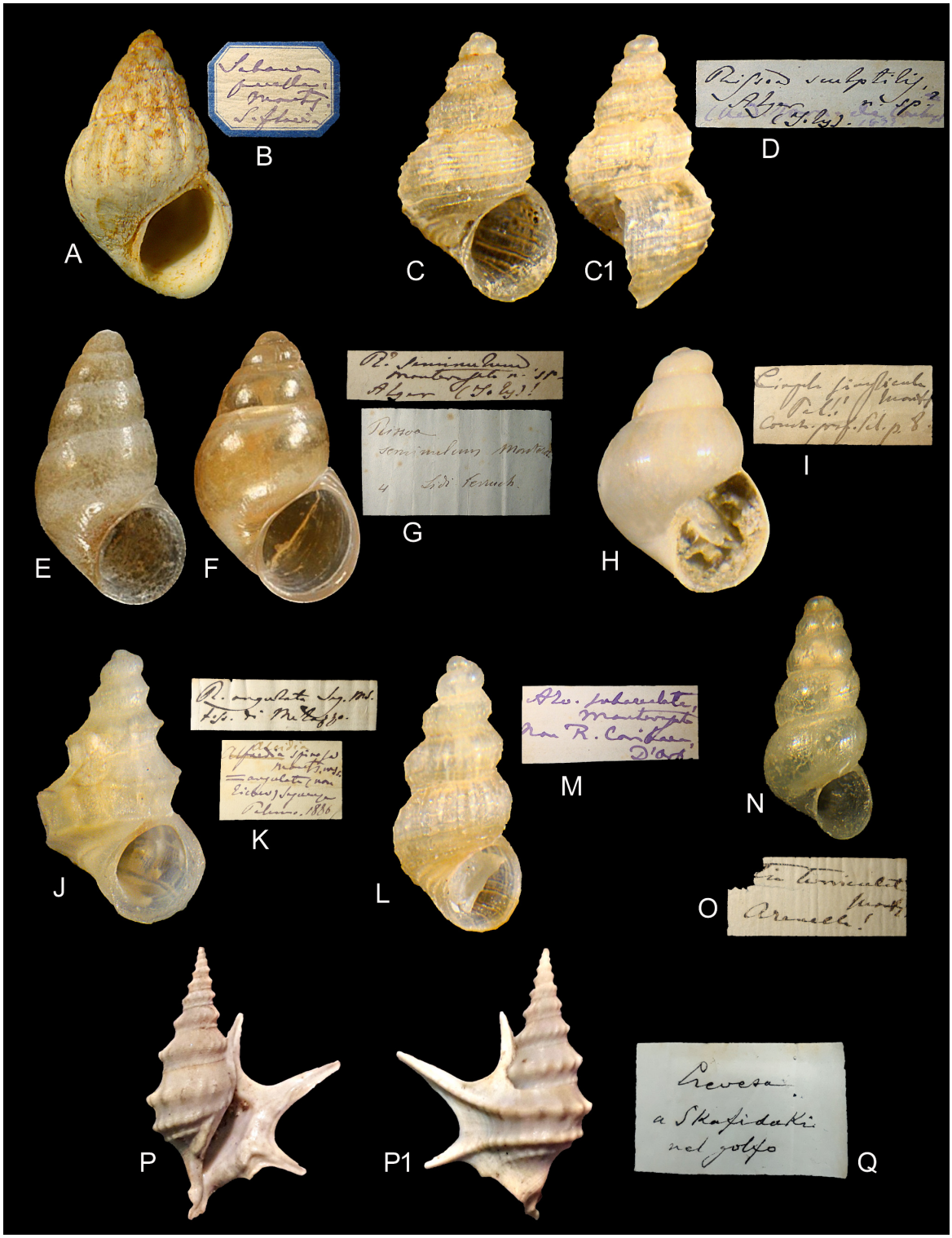

FIGURE 16. A, B. *Rissoa puella* Monterosato, 1891, fossil of S. Flavia (Sicily), H. 3.2 mm, with original label (MCZR–M–21155); **C, D.** *Rissoa sculptilis* Monterosato, 1877, Algiers (Algeria), H. 2.25 mm (ex Joly coll.), with original label (MCZR–M–22162); **E–G.** *Rissoa seminulum* Monterosato, 1877, Algiers (Algeria), H. 2.1 mm and H. 2 mm (ex Joly coll.), with original labels (MCZR–M–22234); **H, I.** *Cingula simplicula* Monterosato, 1890, Palermo (Sicily), H. 1.55 mm, with original label (MCZR–M–30018); **J, K.** *Alcidia spinosa* Monterosato, 1890, fossil of Milazzo (Sicily), H. 2.15 mm (probable ex Seguenza G. coll.,) with original labels (MCZR–M–30019); **L, M**. *Alvania subareolata* Monterosato, 1869, Trapani (Sicily), H. 2.2 mm (ex Brugnone coll.), with original label (MCZR–M–22171); **N, O**. *Setia turriculata* Monterosato, 1884, Arenella (Sicily), H. 2 mm, with original label (MCZR–M–30020); **P, Q.** *Aporrhais conemenosi* Monterosato, 1890, Prèveza (Greece), H. 29.3 mm, with original label (MCZR–M–8554).

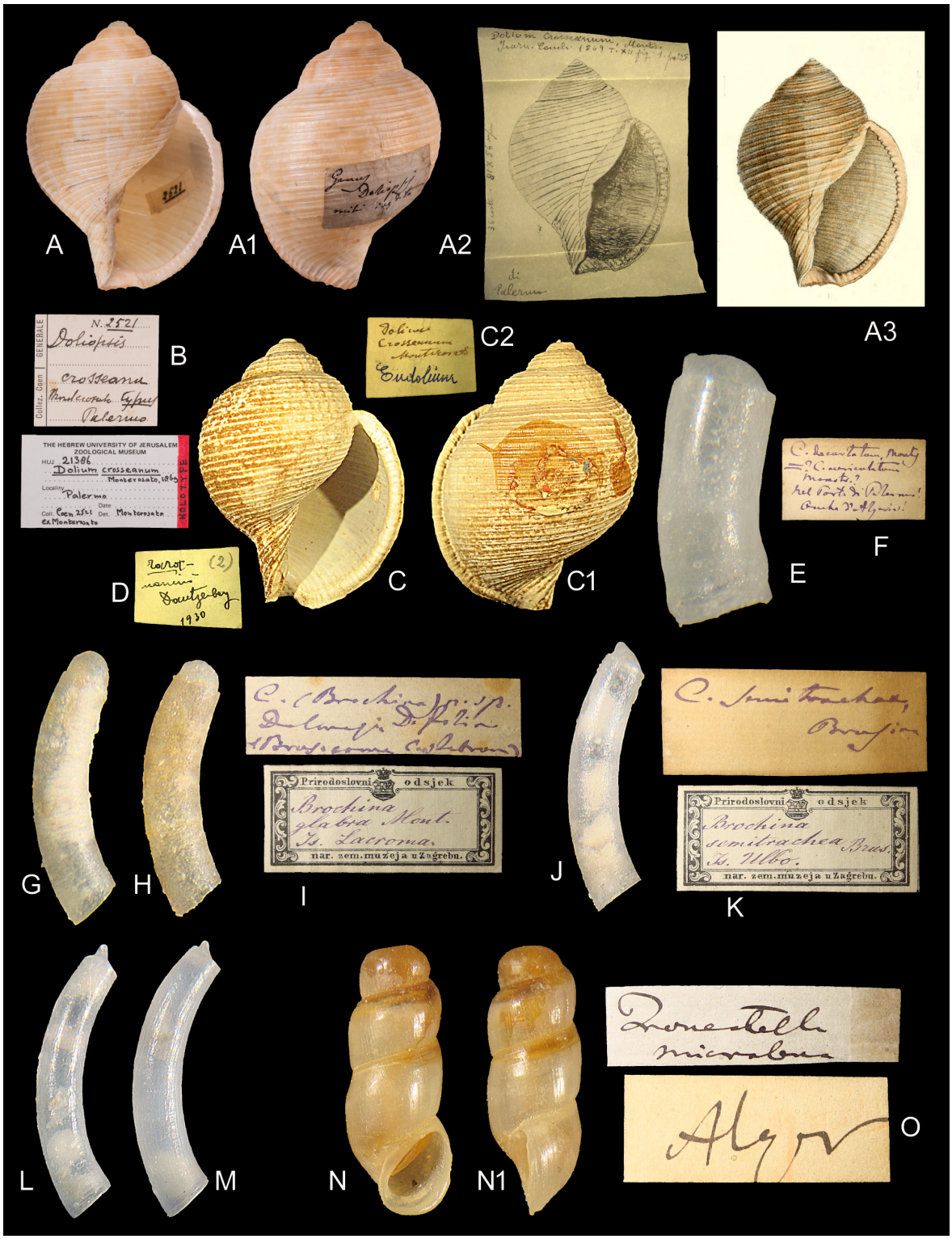

FIGURE 17. A, B. *Dolium crosseanum* Monterosato, 1869, Palermo (Sicily), H. 79.8 mm, holotype (Coen coll. ex Monterosato coll., HUJ. 21386), with original labels and drawings; **C, D.** *Dolium crosseanum* sensu Autores = *Eudolium bairdii* (Verrill & S. Smith [in Verrill], 1881), Rabat (Morocco), H. 69 mm, with original labels (MCZR–M–30036); **E, F.** *Brochina decurtata* Monterosato, 1884, lectotype, Palermo (Sicily), H. 1.5 mm, with original label (MCZR–M–21441); **G–I.** *Brochina incompta* Monterosato, 1884, Lacroma Island (Croatia), H. 1.55 mm and 1.45 mm (ex Brusina coll.), with original labels (MCZR–M–21442); **J, K.** *Caecum semitrachea* Monterosato, 1884 ex Brusina ms., Ulbo Island (Croatia), H. 1.9 mm (ex Brusina coll.), with original labels (MCZR–M–21467); **L, M.** *Caecum semitrachea* Monterosato, 1884 ex Brusina ms., Mondello (Sicily), H. 2.15 mm and H. 2.25 mm (= *Caecum orientale* de Folin, 1868) [Mo (Mondello) written on the cork cap] (MCZR–M–21467); **N, O**. *Truncatella microlena* Monterosato, 1878 ex Bourguignat ms., Algiers (Algeria), H. 3.85 mm, with original labels (MCZR–M–22933).

FIGURE 18. A, B. *Vitreolina antiflexa* Monterosato, 1884, Palermo (Sicily), H. 3.3 mm, with original label (MCZR–M–23601); **C, D.** *Eulima beryllina* Monterosato, 1878, Palermo (Sicily), H. 4.1 mm, with original labels (MCZR–M–23615); **E, F.** *Eulima cionella* Monterosato, 1878, Mondello (Sicily), H. 1.5 mm, with original label (MCZR–M–23901); **G, H.** *Eulima curva* Monterosato, 1874 ex Jeffreys ms., Trapani (Sicily), H. 3.4 mm, with original labels (MCZR–M–23626); **I, J**. *Vitreolina devians* Monterosato, 1884, Palermo (Sicily), H. 3.6 mm, with original labels (MCZR–M–23594); **K, L.** *Aclis lineata* Monterosato, 1869, Trapani (Sicily), H. 2 mm, with original labels (MCZR–M–23629); **M, N**. *Acicularia lubrica* Monterosato, 1890, England, H. 5.4 mm, with original label (MCZR–M–30021); **O, P.** *Lacula mediterranea* Monterosato, 1869, Palermo (Sicily), H. 2.2 mm, with original labels (MCZR–M–30022); **Q, R.** *Acicularia monterosatoi* Monterosato, 1890 ex De Boury ms., paralectotype, England, H 5.1 mm, with original labels (MCZR–M–23603); **S, T.** *Eulima nana* Monterosato, 1878, Palermo (Sicily), H. 2.5 mm, with original label (MCZR–M–30023); **U, V.** *Acicularia translucens* Monterosato, 1890 ex Brusina ms., Velirat (Croatia), H. 5.3 mm, with original labels (MCZR–M–30024); **W, X**. *Lamellaria spirolineata* Monterosato, 1869, Palermo (Sicily), H. 12.3 mm, with original labels (MCZR–M–23083).

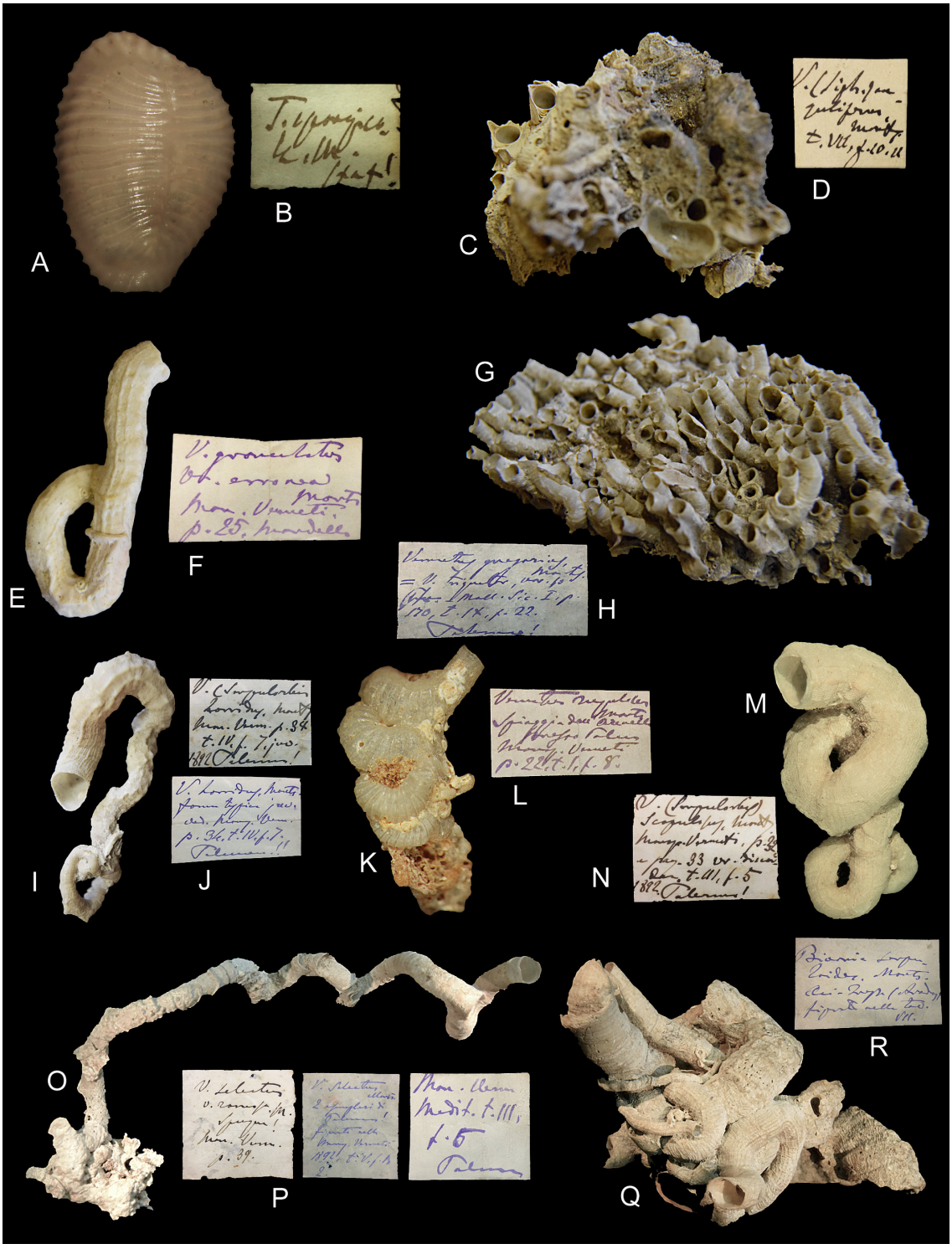

FIGURE 19. A, B. *Trivia spongicola* Monterosato, 1923, lectotype, Sfax (Tunisia), H. 7.1 mm, with original label (MCZR–M–30025); **C, D.** *Vermetus anguliferus* Monterosato, 1884, Tripoli (Libya), 71.8 mm (aggregate), with original label (MCZR–M–30026); **E, F.** *Vermetus erroneous* Monterosato, 1889, Mondello (Sicily), L. 21.1 x 14.3 mm, with original label (MCZR–M–21216); **G, H**. *Vermetus gregarius* Monterosato, 1878, Palermo (Sicily), L. 107.5 mm (aggregate), with original label (MCZR–M–30027); **I, J.** *Vermetus horridus* Monterosato, 1892, Palermo (Sicily) L. 64.7 mm, with original labels (MCZR–M–5794); **K, L.** *Vermetus rugulosus* Monterosato, 1878, Arenella, Palermo (Sicily) L. 6.6 mm (aggregate), with original label (MCZR–M–21284); **M, N**. *Vermetus scopulosus* Monterosato, 1892, Palermo (Sicily) L. 48.2 mm, with original label (MCZR–M–5790); **O, P.** *Vermetus selectus* Monterosato, 1878, Palermo (Sicily) L. 189 mm, with original labels (MCZR–M–5778); **Q, R.** *Vermetus serpuloides* Monterosato, 1892, Acitrezza (Sicily), L. 102 mm (aggregate), with original label (MCZR–M–5801).

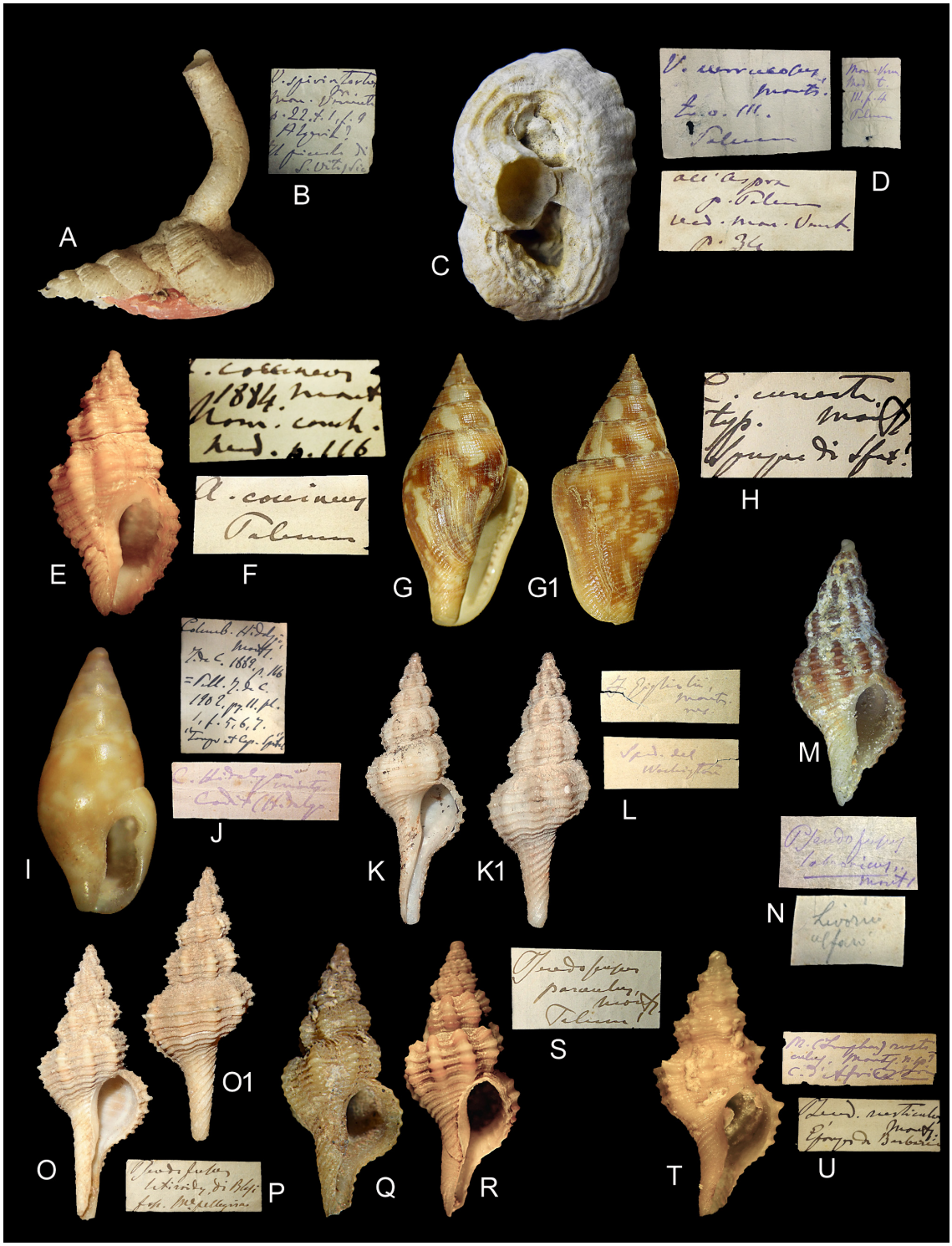

FIGURE 20. A, B. *Vermetus spirintortus* Monterosato, 1892, Algeria, L. 2.4 mm, with original label (MCZR–M–21264); **C, D.** *Vermetus verrucosus* Monterosato, 1878, Aspra, Palermo (Sicily), L. 56.5 mm, with original labels (MCZR–M–5796). **E, F.** *Pollia coccinea* Monterosato, 1884, Palermo (Sicily), H. 15.5 mm, with original labels (MCZR–M–30028); **G, H.** *Columbella cuneata* Monterosato, 1892, Sfax (Tunisia), H. 19.94 mm, with original label (MCZR–M–18594); **I, J.** *Mitrella hidalgoi* Monterosato, 1889, Cadiz (Morocco) H. 6.5 mm (ex Hidalgo coll.), with original labels (MCZR–M–18486); **K, L.** *Pseudofusus gigliolii* Monterosato, 1890, 'Spedizione italiana del Washington', H. 23.0 mm, with original label (recto-verso) (MCZR–M–17431); **M, N.** *Pseudofusus labronicus* Monterosato, 1884, Livorno (Italy), H. 13.3 mm, with original labels (MCZR–M–30029); **O, P.** *Pseudofusus latiroides* Monterosato, 1890 ex Di Blasi ms., fossil of Monte Pellegrino (Sicily), H. 28.2 mm, with original label (MCZR–M–17365); **Q–S.** *Pseudofusus parvulus* Monterosato, 1884, paralectotypes, Palermo (Sicily), H. 11.1 mm and H. 12.6 mm, with original label (MCZR–M–17464); **T, U.** *Trophon rusticulus* Monterosato, 1880, coasts of Barberia (Tunisia), H. 9.2 mm, with original labels (MCZR–M–17419).

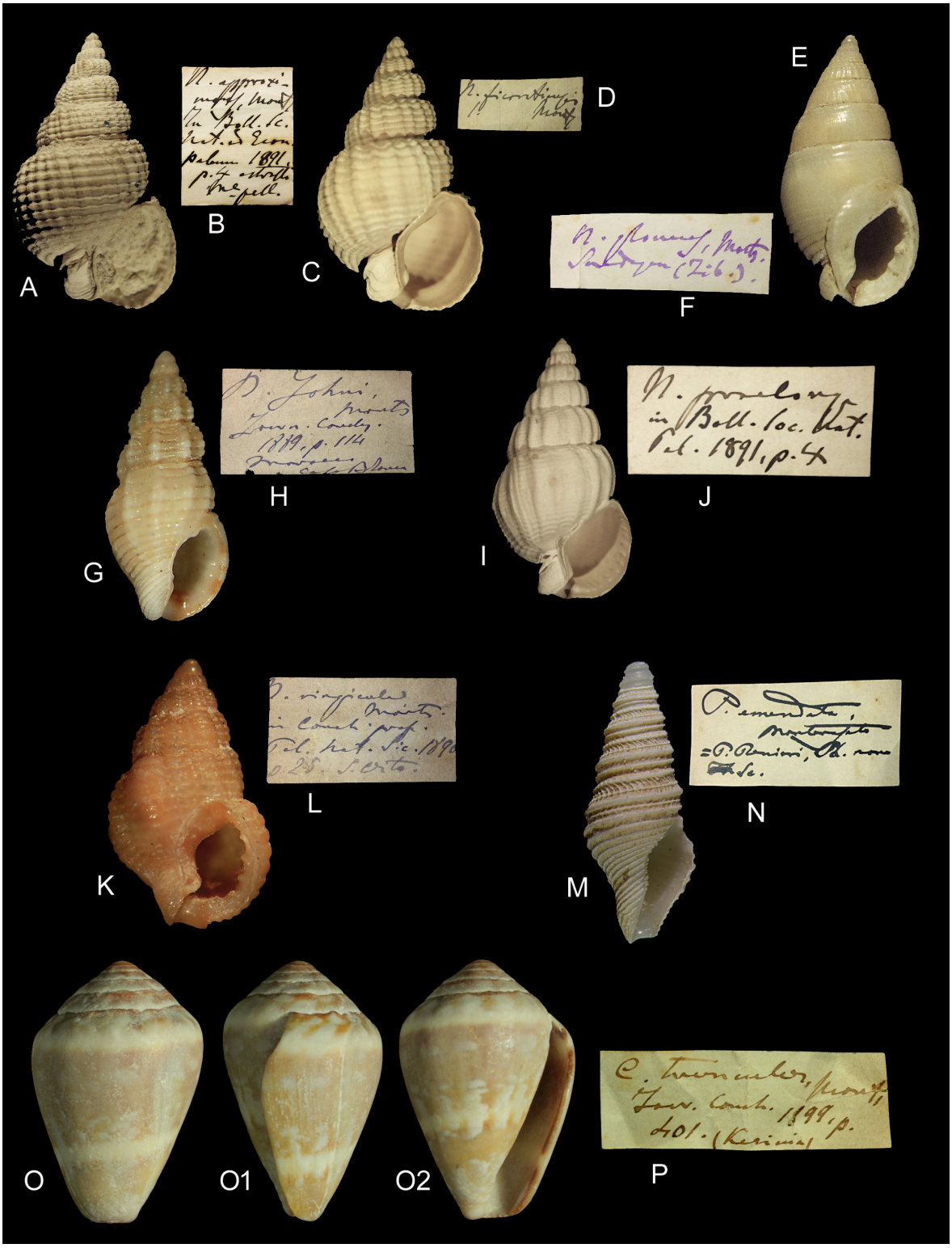

FIGURE 21. A, B. *Nassa approximans* Monterosato, 1891, fossil of Monte Pellegrino (Sicily), H. 37.5 mm, with original label (MCZR–M–17857); **C, D.** *Nassa ficaratiensis* Monterosato, 1891, fossil of Ficarazzi (Sicily), H. 29.4 mm, with original label (MCZR–M–17860); **E, F.** *Nassa glomus* Monterosato, 1890, Sardinia, H. 15.3 mm (ex Tiberi coll.), with original label (MCZR–M–30031); **G, H.** *Nassa johni* Monterosato, 1889, Casablanca, (Morocco), H. 6 mm, with original label (MCZR–M–8176); **I, J**. *Nassa praelonga* Monterosato, 1891, fossil of Monte Pellegrino (Sicily), H. 26.8 mm, with original label (MCZR–M–17830); **K, L**. *Nassa ringicula* Monterosato, 1890, San Vito lo Capo (Sicily), H. 5.2 mm, with original label (MCZR–M–18093); **M, N.** *Taranis emendata* Monterosato, 1872, paralectotype, Palermo (Sicily) H. 6.27 mm, with original label (MCZR–M–16688); **O, P.** *Conus trunculus* Monterosato, 1899, Kerinia, Cyprus Island, H. 33.48 mm, with original label (MCZR–M–30032).

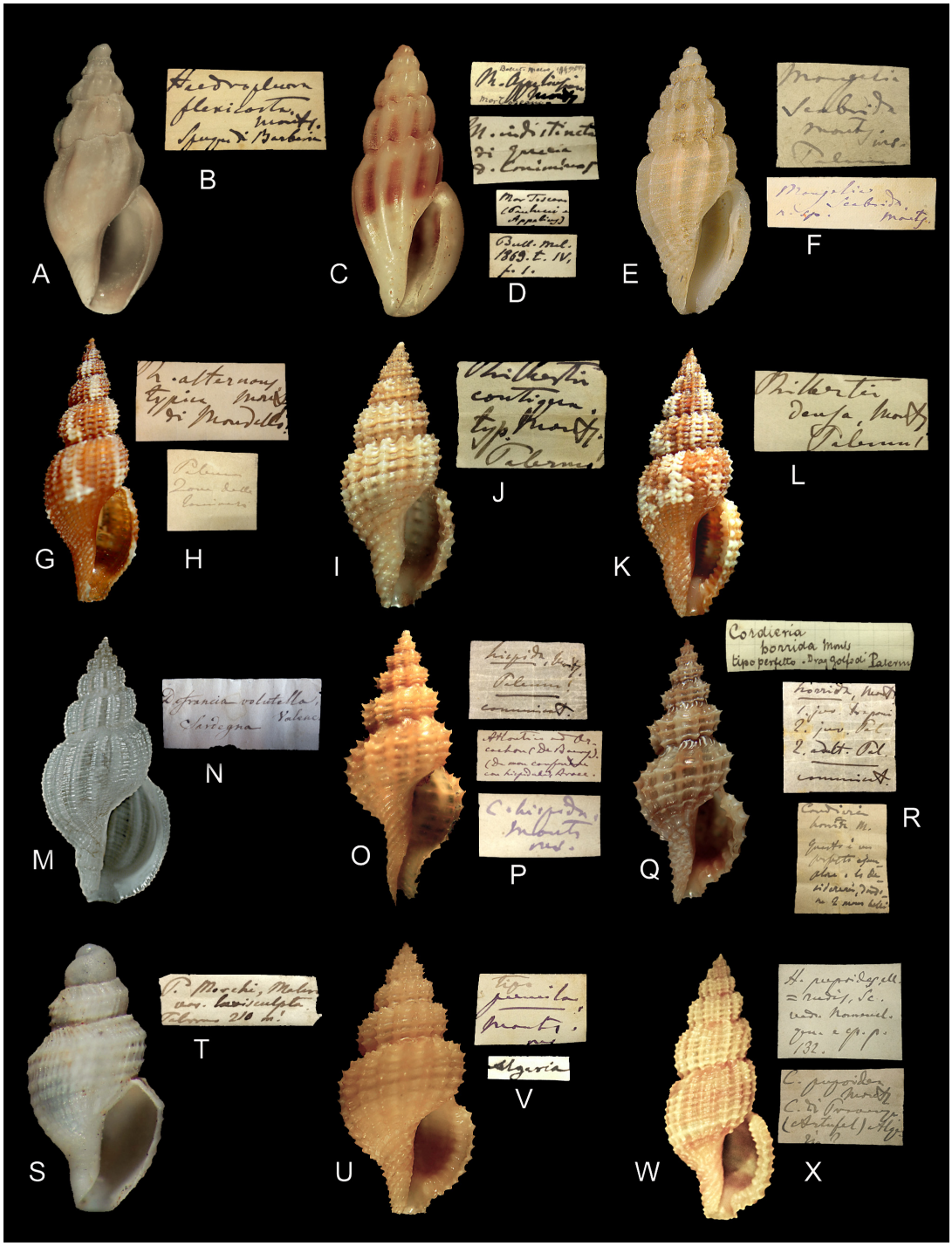

FIGURE 22. A, B. *Haedropleura flexicosta* Monterosato, 1884, Barberia (Tunisia), H. 6.3 mm, with original label (MCZR–M–16732); **C, D**. *Pleurotoma indistincta* Monterosato, 1875, Mar Toscano, (Italy), H. 10.4 mm (ex Appelius coll.), with original labels (MCZR–M–16855); **E, F.** *Mangelia scabrida* Monterosato, 1890, Palermo (Sicily), H. 5.9 mm, with original labels (MCZR–M–16853); **G, H.** *Philbertia alternas* Monterosato, 1884, Mondello, Palermo (Sicily), H. 10.68 mm, with original labels (MCZR–M–16676); **I, J.** *Philbertia contigua* Monterosato, 1884, lectotype, Palermo (Sicily), H. 8.05 mm, with original label (MCZR–M–16702); **K, L.** *Philbertia densa* Monterosato, 1884, Palermo (Italy), H. 11.7 mm, with original label (MCZR–M–16807); Figure 22: **M, N.** *Leufroya erronea* Monterosato, 1884, Sardinia, H. 15.8 mm, with original label (MCZR–M–17340); **O, P.** *Homotoma hispida* Monterosato, 1890, Palermo (Sicily), H. 10.4 mm, with original labels (MCZR–M–17442); **Q, R.** *Cordiera horrida* Monterosato, 1884, Palermo (Sicily), H. 14.4 mm, with original labels (MCZR–M–16474); **S, T.** *Taranis laevisculpta* Monterosato, 1880, Palermo (Sicily), H. 3 mm, with original label (MCZR–M–16959); **U, V**. *Cordieria pumila* Monterosato, 1890, Algeria, H. 13.6 mm, with original labels (MCZR–M–16774); **W, X**. *Cordieria pupoides* Monterosato, 1884, Provence (France), Neotype, H. 18.7 mm, with original labels (MCZR–M–16492).

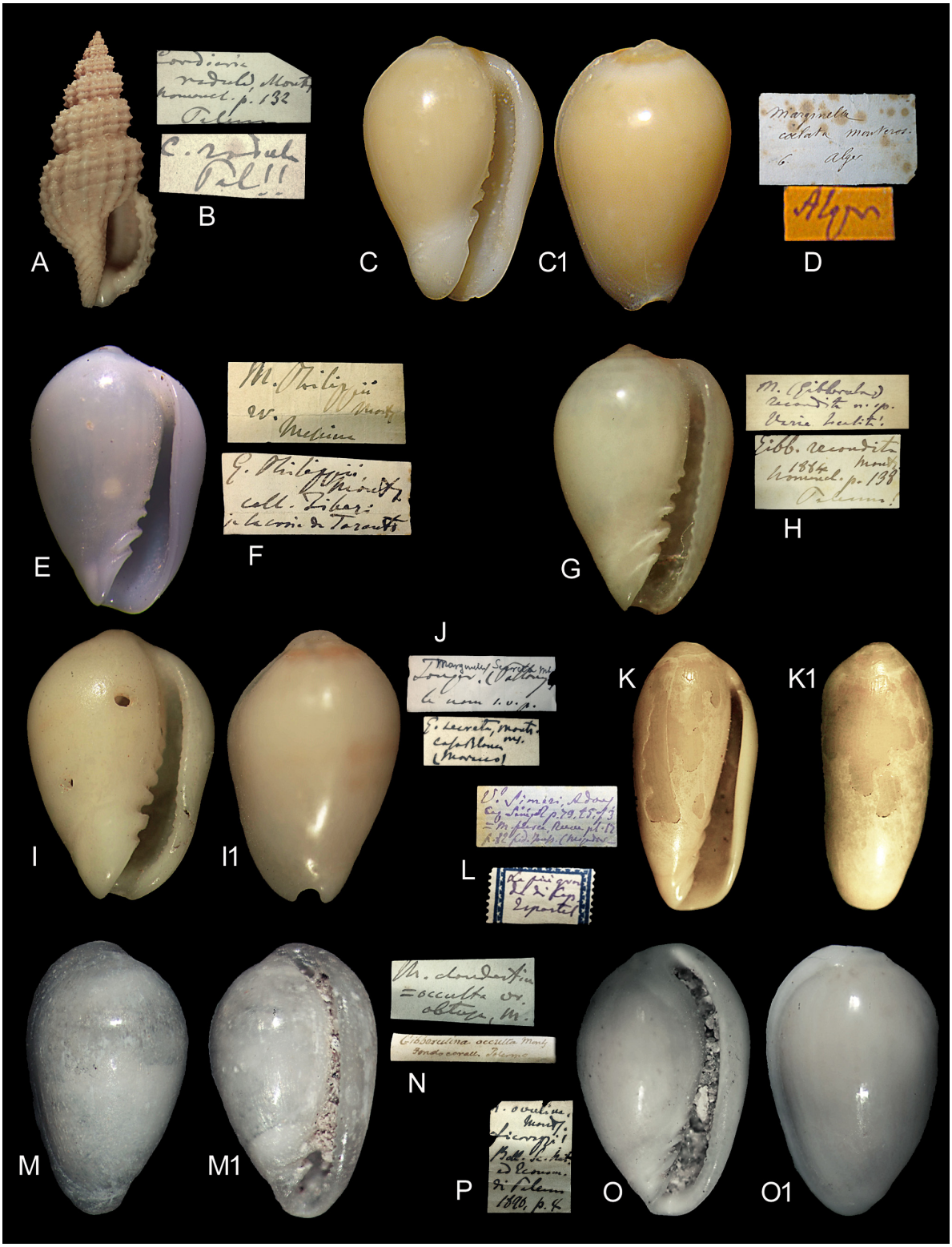

FIGURE 23. **A, B.** *Cordieria radula* Monterosato, 1884, lectotype, Palermo (Sicily), H. 15.1 mm, with original labels (MCZR–M–16476); **C, D.** *Marginella caelata* Monterosato, 1877, paralectotype, Algiers (Algeria), H. 4.55 mm, with original labels (MCZR–M–17216); **E, F.** *Marginella philippi* Monterosato, 1878, Palermo (Sicily), H. 3 mm, with original labels (MCZR–M–17193); **G, H.** *Gibberula recondita* Monterosato, 1884, paralectotype, Palermo (Sicily), H. 4.5 mm, with original labels (MCZR–M–17181); **I, J.** *Gibberula secreta* Monterosato, 1889, lectotype, Casablanca (Morocco), H. 5.6 mm, with original labels (MCZR–M–17186); **K, L**. *Volvarina ampelusica* Monterosato, 1906, paralectotype, Mogador (Morocco), H. 11.4 mm, with original labels (MCZR–M–17159); **M, N**. *Marginella occulta* Monterosato, 1869, paralectotype, Palermo (Sicily), H. 2.4 mm with original labels (MCZR–M–17212); **O, P**. *Gibberulina ovulina* Monterosato, 1891, lectotype, fossil of Ficarazzi (Sicily), H. 3.4 mm, with original label (MCZR–M–17197).

FIGURE 24. **A, B.** *Murex brocchii* Monterosato, 1872, Marsala (Sicily), H. 12.7 mm, with original label (MCZR–M–7986); **C, D.** *Ocinebrina cyclopus* Monterosato, 1884 ex Benoit ms., Palermo (Sicily), H. 13 mm, with original label (MCZR–M–30033); **E, F.** *Epidromus gladiolus* Monterosato, 1880, Alessandria (Egypt), H. 7.4 mm (ex Lhotellerie coll.), with original labels (MCZR–M–8324); **G, H.** *Ocinebrina nicolai* Monterosato, 1884, Lipari Is., H. 19.7 mm (ex Seguenza G. coll.), with original label (MCZR–M–30034); **I, J.** *Pyrula panormitana* Monterosato, 1869, Palermo (Sicily), H. 15.5 mm, with original labels (MCZR–M–8032); **K, L.** *Acteon candidulus* Monterosato, 1923, Benghazi (Libya), H. 7.5 mm, with original label (MCZR–M–16053); **M, N.** *Pseudomalaxis actoni* Monterosato,1913, Sardinia, D. 15.3 mm, with original label and drawings (MCZR–M–21851); **O, P.** *Pseudomalaxis centrifuga* Monterosato, 1890, Madeira , D. 4.25 mm, with original label (MCZR–M–30035).

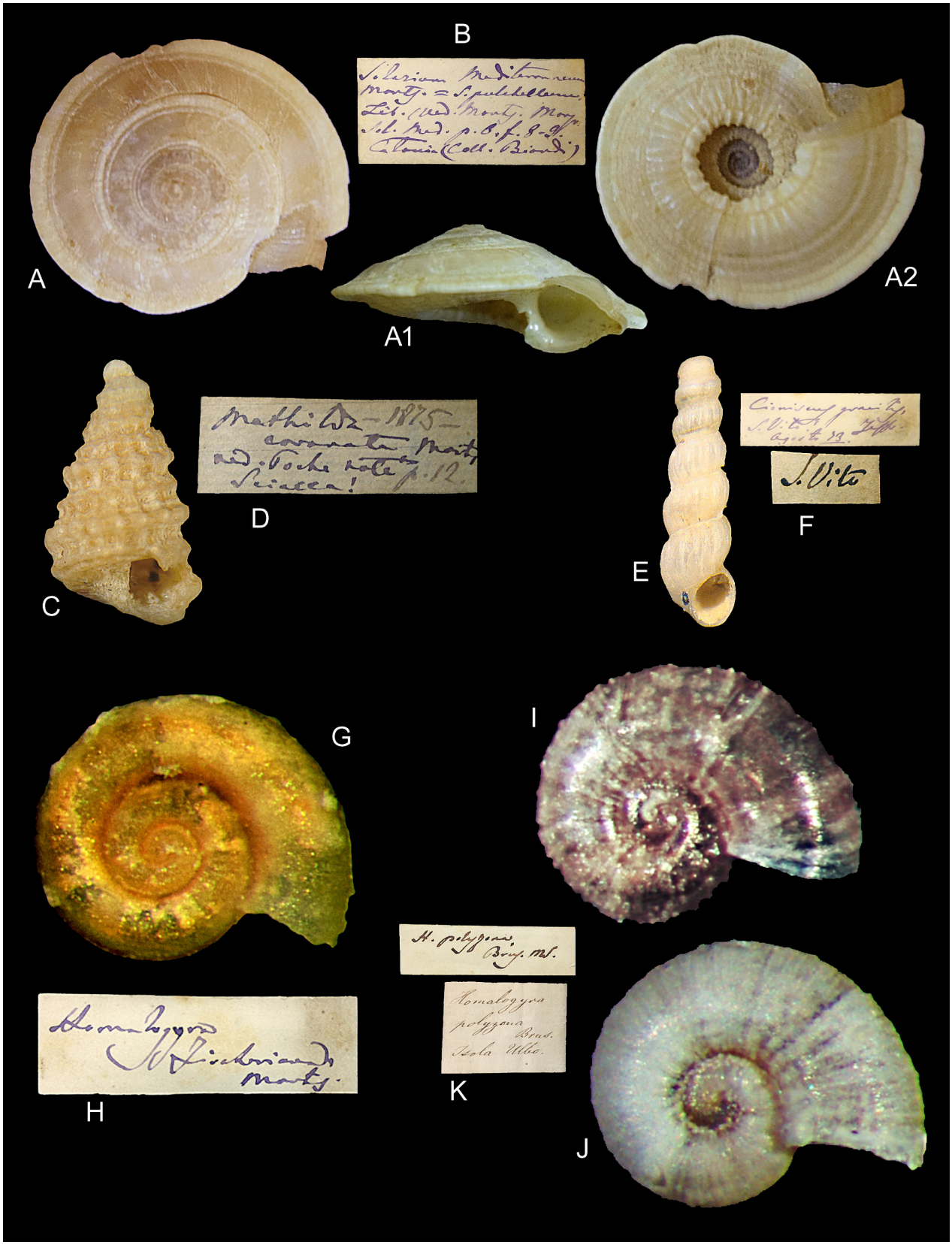

FIGURE 25. A, B. *Solarium mediterraneum* Monterosato, 1872, Catania (Sicily), D. 15 mm, (ex Biondi coll.), with original label (MCZR–M–21814); **C, D.** *Mathilda coronata* Monterosato, 1875, Sciacca (Sicily), H. 3.65 mm, with original label (MCZR–M–21451); **E, F.** *Cioniscus gracilis* Monterosato, 1874 ex Jeffreys ms. San Vito lo Capo (Sicily), H. 2.3 mm, with original labels (MCZR–M–23933); **G, H**. *Omalogyra fischeriana* Monterosato, 1869, Ognina, Catania (Sicily), D. 0.9 mm, with original label (MCZR–M–22090); **I–K.** *Omalogyra polyzona* Monterosato, 1872 ex Brusina ms., Ulbo Island (Croatia), D. 0.8 mm and 0.9 mm (ex Brusina coll.), with original labels (MCZR–M–22093).

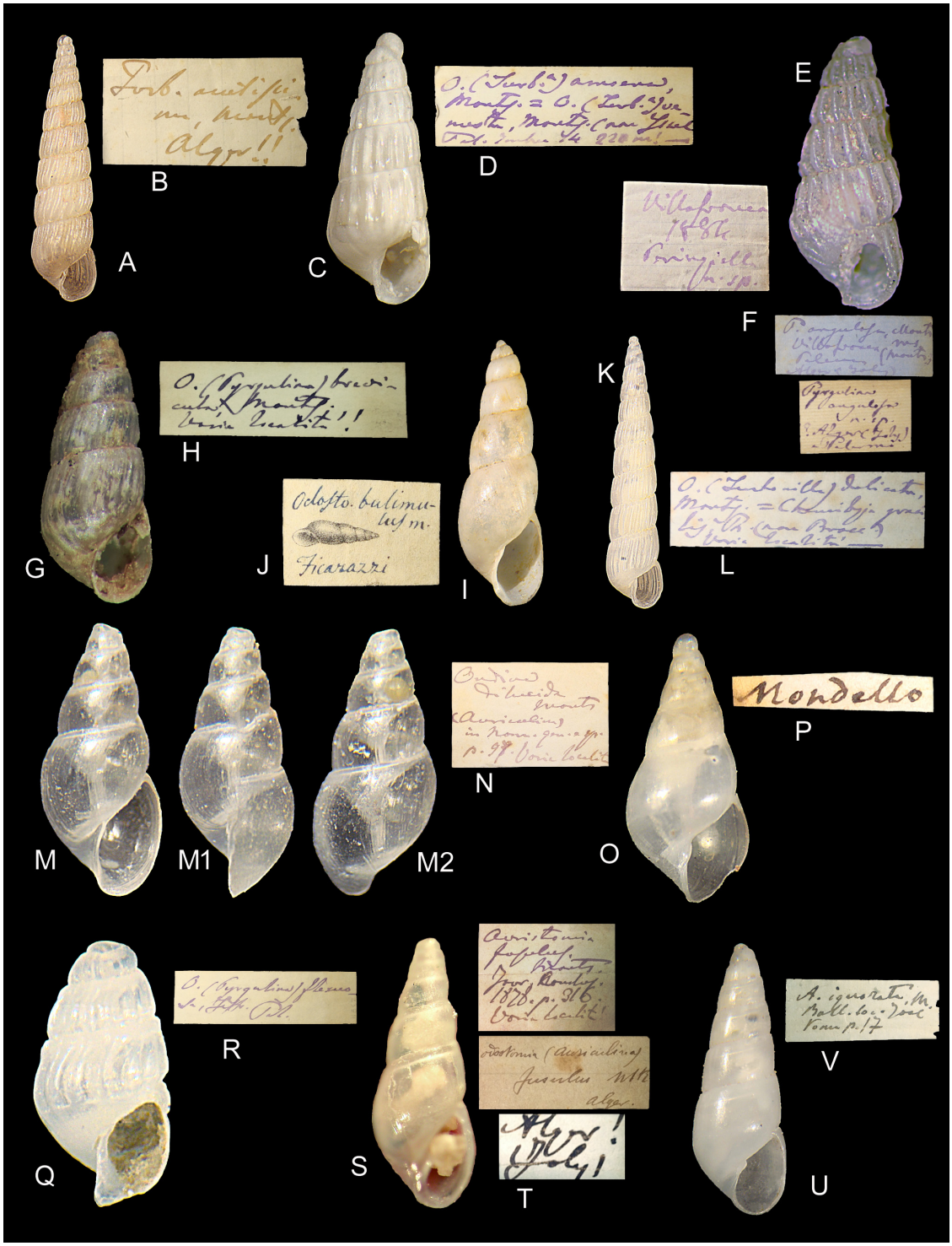

FIGURE 26. A, B. *Turbonilla acutissima* Monterosato, 1884, Algiers (Algeria), H. 4.2 mm, with original label (MCZR–M–23920); **C, D.** *Odostomia amoena* Monterosato, 1878, lectotype, Palermo (Sicily), H. 2.9 mm, with original label (MCZR–M–23912); **E, F.** *Pyrgulina angulosa* Monterosato, 1889, Palermo (Sicily), H. 2.25 mm, with original labels (MCZR–M–23845); **G, H.** *Odostomia brevicula* Monterosato, 1884, Viareggio (Italy), H. 1.8 mm, with original label (MCZR–M–23833); **I, J.** *Odostomia bulimulus* Monterosato, 1874, fossil of Ficarazzi (Sicily), H. 4.85 mm, with original label and drawing (MCZR–M–23772); **K, L.** *Odostomia delicata* Monterosato, 1874, Palermo (Sicily), H. 5.15 mm, with original label (MCZR–M–23860); **M, N.** *Odostomia dilucida* Monterosato, 1885, Magnisi (Sicily), H. 2.35 mm, with original label (MCZR–M–23827); **O, P.** *Odostomia elegans* Monterosato, 1869, Mondello (Sicily), H. 2.9 mm, with original label (MCZR–M–23817); **Q, R.** *Odostomia flexuosa* Monterosato, 1874 ex Jeffreys ms., lectotype, Palermo (Sicily), H. 1.45 mm, with original label (MCZR–M–23811); **S, T.** *Odostomia fusulus* Monterosato, 1878, Algiers (Algeria) H. 2.4 mm (ex Joly coll.), with original labels (MCZR–M–23867); **U, V.** *Auristomia ignorata* Monterosato, 1917, lectotype, Zuara (Libya), H. 3.15 mm, with original label (MCZR–M–23735).

FIGURE 27. A, B. *Turbonilla innovata* Monterosato, 1884, Magnisi (Sicily), H. 3.6 mm, with original labels (MCZR–M–30037); **C, D.** *Pyrgulina intermixta* Monterosato, 1885, Algeria, H. 2.0 mm with original label (MCZR–M–23844); **E, F.** *Trabecula jeffreysiana* Monterosato, 1884 ex Seguenza ms. Palermo (Sicily), H. 2.25 mm, with original label (MCZR–M–23737); **G, H.** *Odostomia macilenta* Monterosato, 1878, Palermo (Sicily), H. (specimen broken into two sections; not measurable), with original labels (MCZR–M–23895); **I, J.** *Pyramidella mediterranea* Monterosato, 1880, coasts of Africa, H. 5.8 mm, with original label (MCZR–M–23653); **K, L.** *Odostomia micans* Monterosato, 1875, lectotype, Palermo (Sicily), H. 2.2 mm, with original label (MCZR–M–23914); **M, N.** *Pyramidella minuscola* Monterosato, 1880, San Vito lo Capo (Sicily), H. 3.4 mm, with original labels (MCZR–M–23653); **O, P.** *Auriculina modiola* Monterosato, 1885, Magnisi (Sicily), H. 2.05 mm, with original label (MCZR–M–23823); **Q, R**. *Odostomia multilirata* Monterosato, 1875, San Vito lo Capo (Sicily), H. 3 mm, with original label (MCZR–M–23805); **S, T**. *Odostomia nanodea* Monterosato, 1878, lectotype, Palermo (Sicily), H. 2.4 mm, with original label (MCZR–M–23699); **U, V**. *Odostomia rosea* Monterosato, 1887, lectotype, Algiers (Algeria), H. 6.13 mm (ex Joly coll.), with original labels (MCZR–M–23909).

FIGURE 28. A, B. *Auriculina scandens* Monterosato, 1884 ex Brugnone ms., Trapani (Sicily), H. 2.4 mm, with original labels (MCZR–M–23814); **C, D.** *Odostomia sigmoidea* Monterosato, 1880, Algiers (Algeria), H. 2.7 mm, with original label (MCZR–M–23717); **E, F**. *Turbonilla subulina* Monterosato, 1889, Mogador (Morocco), H. 8.1 mm, with original labels (MCZR–M–23851); **G, H**. *Odostomia turriculata* Monterosato, 1869, Ognina (Sicily), H. 2.65 mm, with original label (MCZR–M–23645); **I, J.** *Ringicula conformis* Monterosato, 1877, Algiers (Algeria), H. 3.3 mm, with original labels (MCZR–M–16280); **K, L.** *Hela inflata* Monterosato, 1880, Palermo (Sicily), H. 1.35 mm, with original label (MCZR–M–21845); **M, N.** *Skenea pellucida* Monterosato, 1874, paralectotype, Palermo (Sicily) D. 1.5 mm, with original label (MCZR–M–22108); **O, P.** *Adeorbis imperspicuus* Monterosato, 1875, Palermo (Sicily), D. 0.9 mm, with original label (MCZR–M–30038).

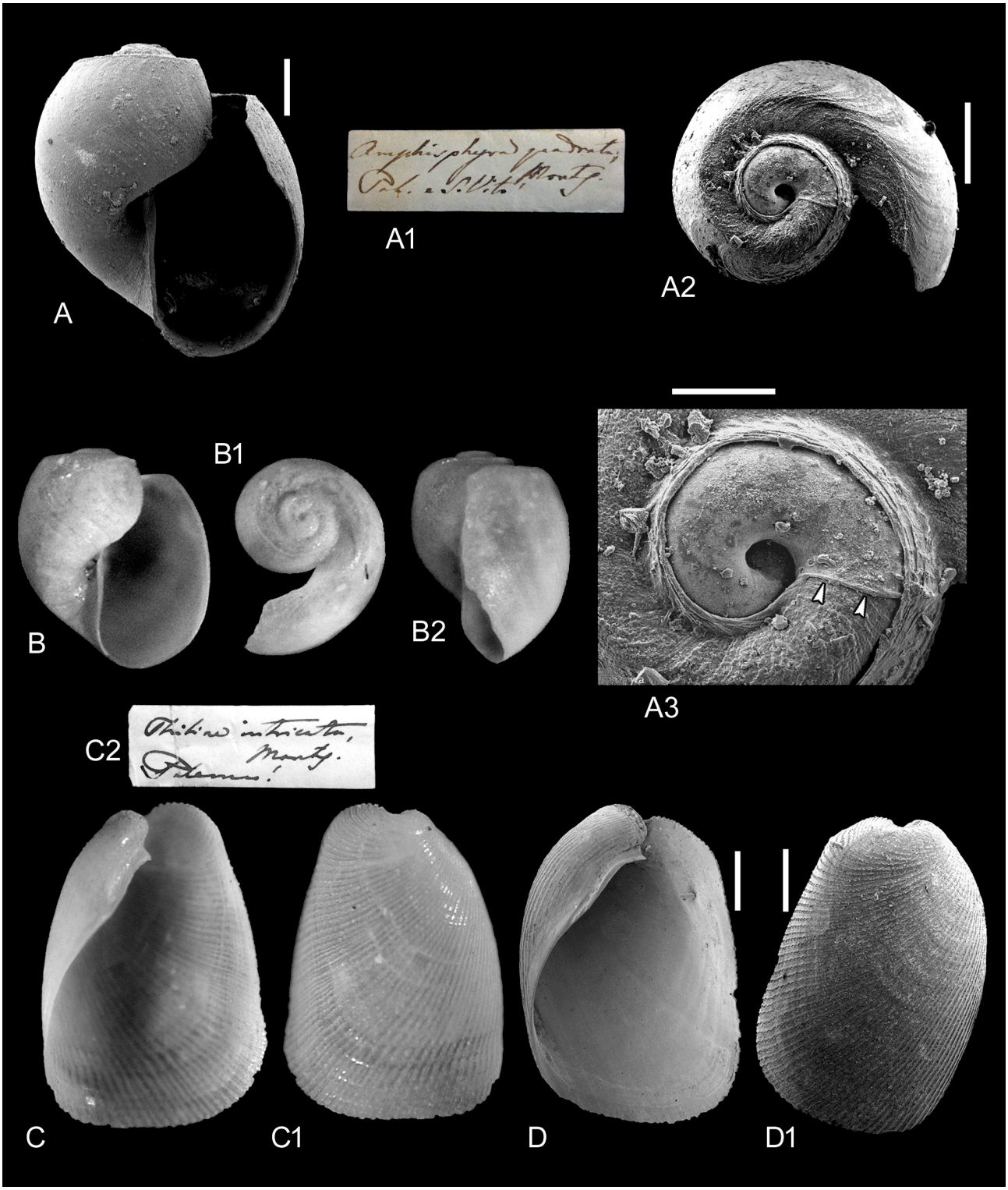

FIGURE 29. A, B. *Amphispyra quadrata* Monterosato, 1874, between San Vito lo Capo and Palermo (Sicily), **(B)** H. 1.1 mm, with original label (MCZR–M–16129); **C, D.** *Philine intricata* Monterosato, 1884, Palermo (Sicily), **(C)** H. 3.5 mm, with original label (MCZR–M–16301). Scale bars: 100 µm (A3), 200 µm (A and A2), 500 µm (D and D1).

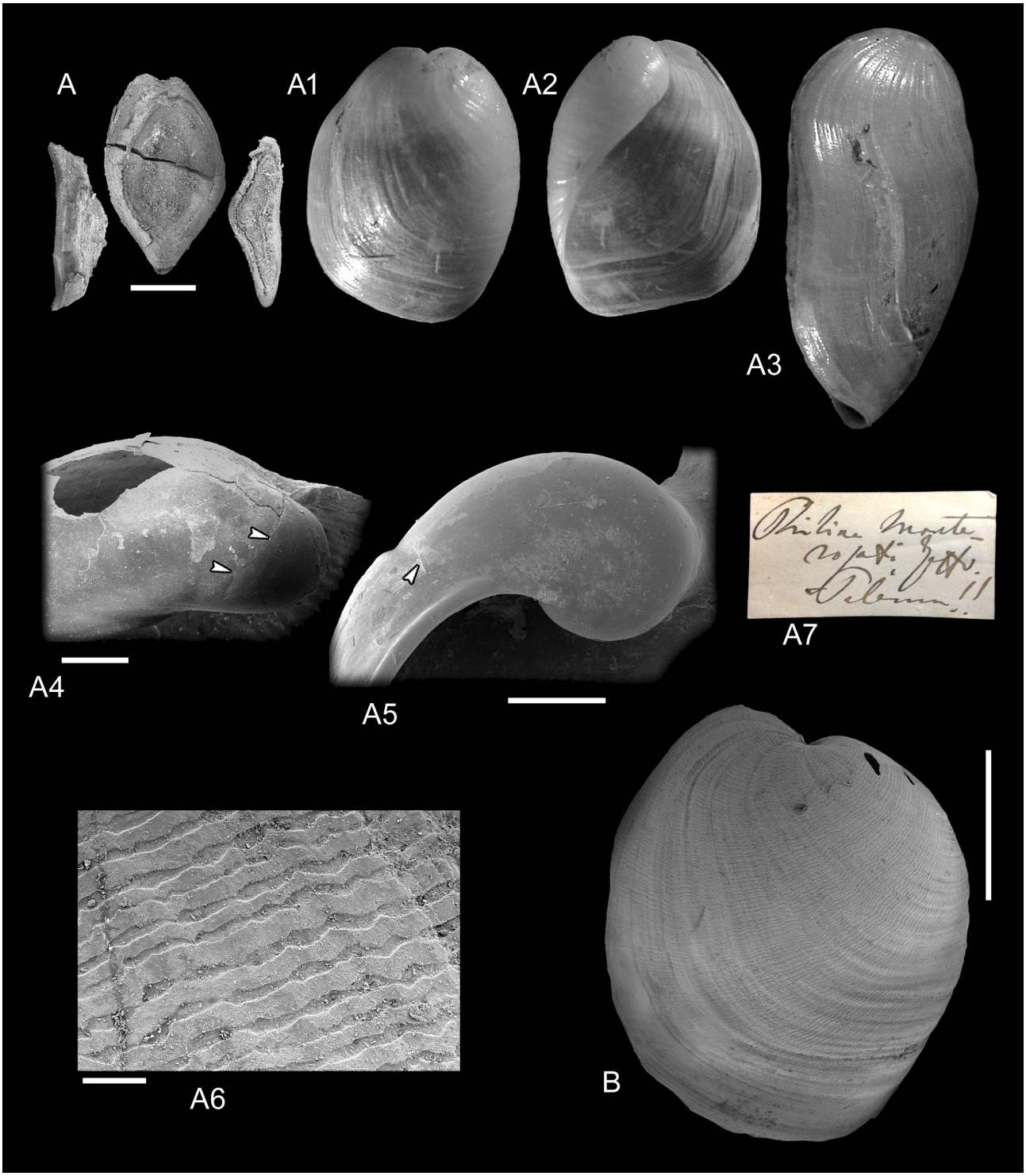

FIGURE 30. A, B. *Philine monterosati* Monterosato, 1874, Palermo (Sicily), **(A)** same specimen, gizzard plates, **A1–A3.** H. 9 mm. **A4, A5.** Protoconch, in lateral and lower view, respectively; **A6**. Detail of sculpture on the central part of the body whorl, Palermo (Sicily); **B.** Palermo (Sicily), with original label (MCZR–M–16303). Scale bars: 1.0 mm (A); 200 µm (A4, A5 and A6), 2.0 mm (B).

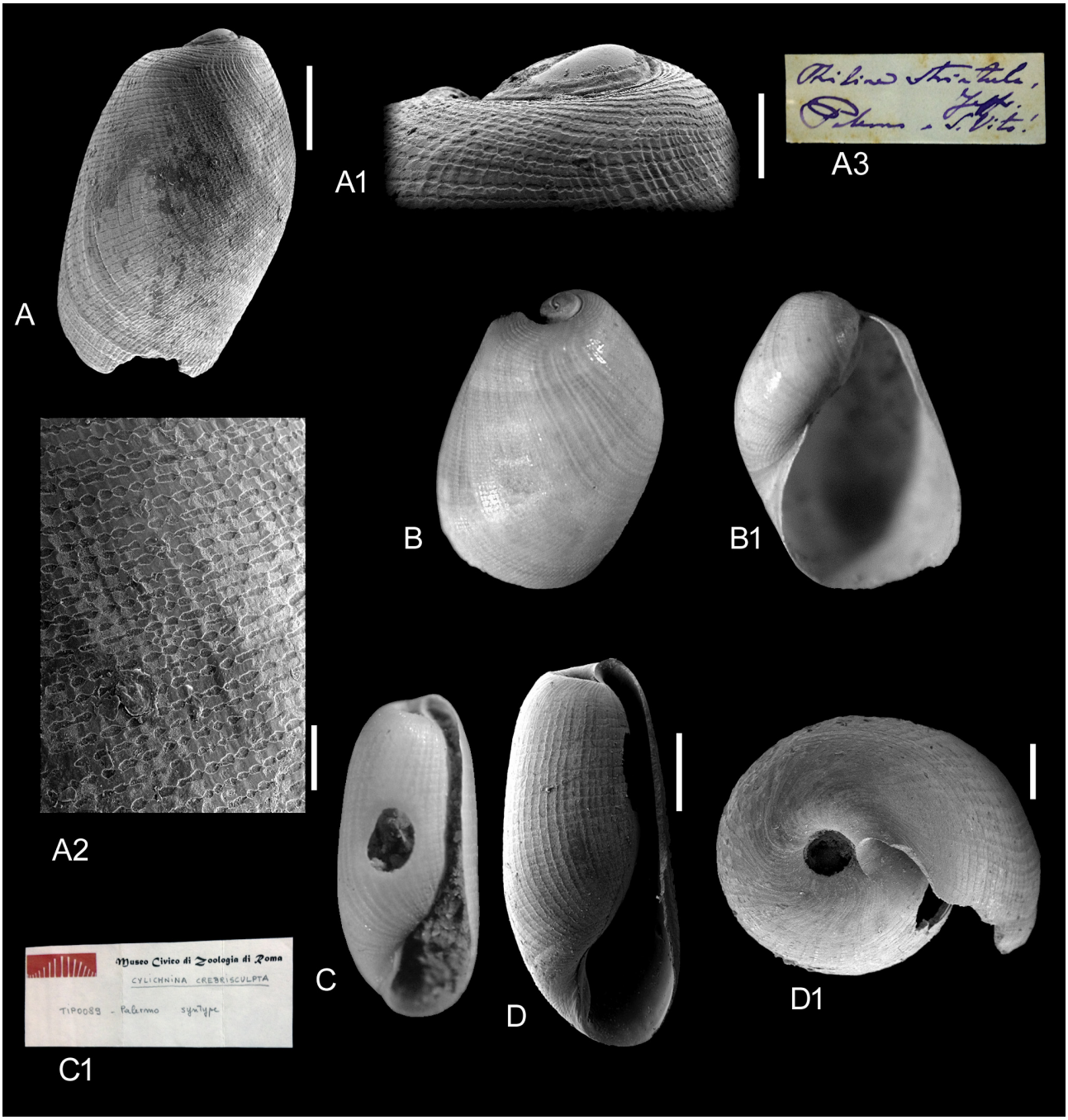

FIGURE 31. A, B. *Philine striatula* Monterosato, 1874; **A–A2.** Palermo (Sicily), unrecorded depth, shell, shell top, and detail of sculpture on the central part of the body whorl; **B, B1.** San Vito lo Capo (Sicily), unrecorded depth, H. 3.5 mm, with original label (MCZR–M–16322). **C, D.** *Cylichnina crebrisculpta* Monterosato, 1884, Palermo (Sicily) **(C)** H. 2.4 mm, with original label. **(D, D1)** shell and upper view (MCZR–M–16136). Scale bars: 100 µm (A2), 200 µm (A1 and D1), 500 µm (A and D).

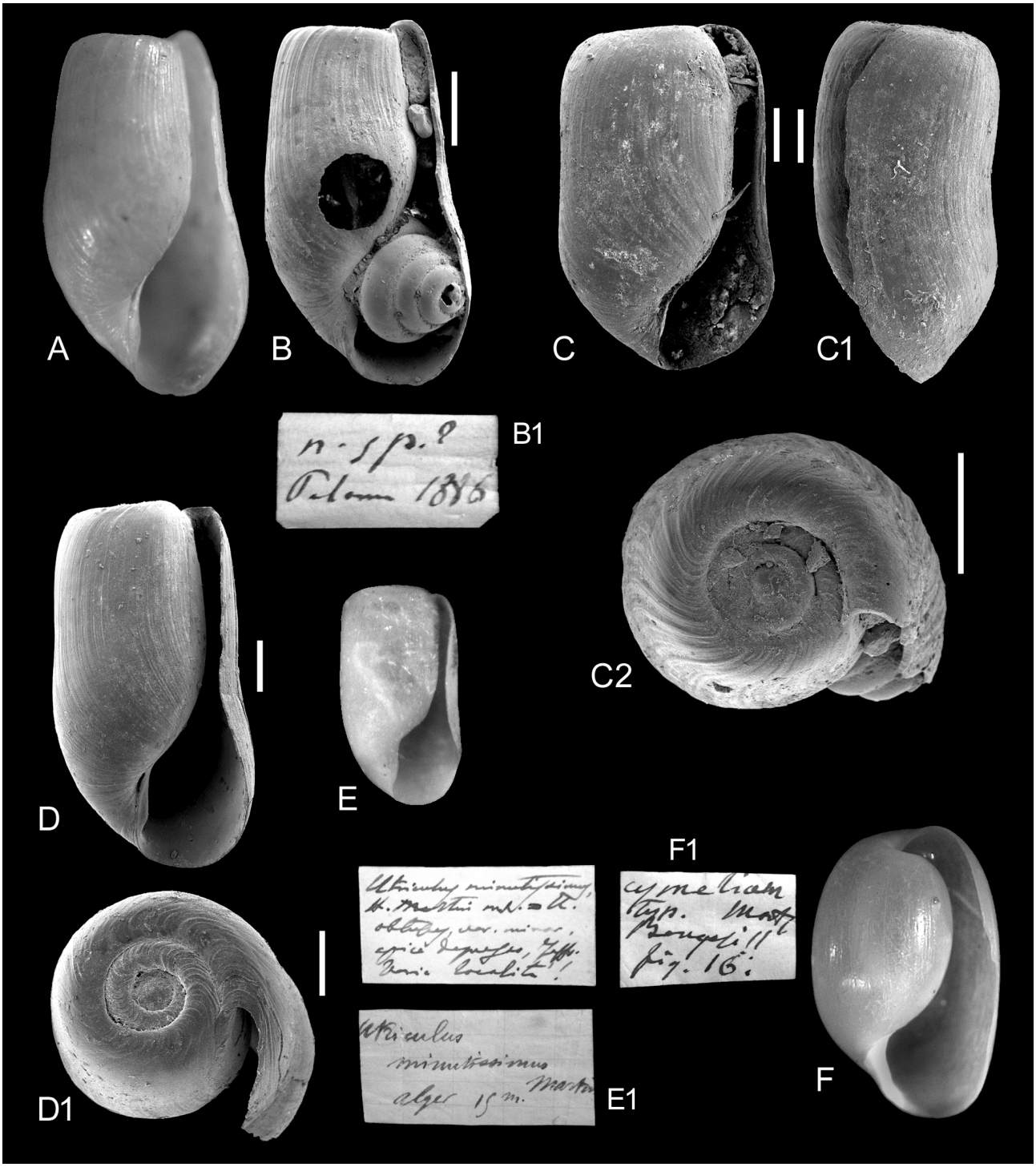

FIGURE 32. A, B. *Coleophysis effusa* Monterosato, 1890, Palermo (Sicily), H. 2.7 mm, with original label (MCZR–M–16030); **C–E.** *Utriculus minutissimus* Monterosato, 1878, **(C, C1)** Gulf of Fos (South France) (H. Martin legit); **C2**. Palermo (Sicily) upper view. **D, E.** Algiers (Algeria), 15 m (P. Joly legit), with original labels; **D1.** upper view. (**E)** H. 1.4 mm (MCZR–M–16015); **F.** *Haminoea hydatis* var. *cymoelium* Monterosato, 1923, holotype, Benghazi (Lybia) H. 10.5 mm, with original label (MCZR–M–16253). Scale bars: 200 µm (C, C1 and D1), 500 µm (B, C2 and D).

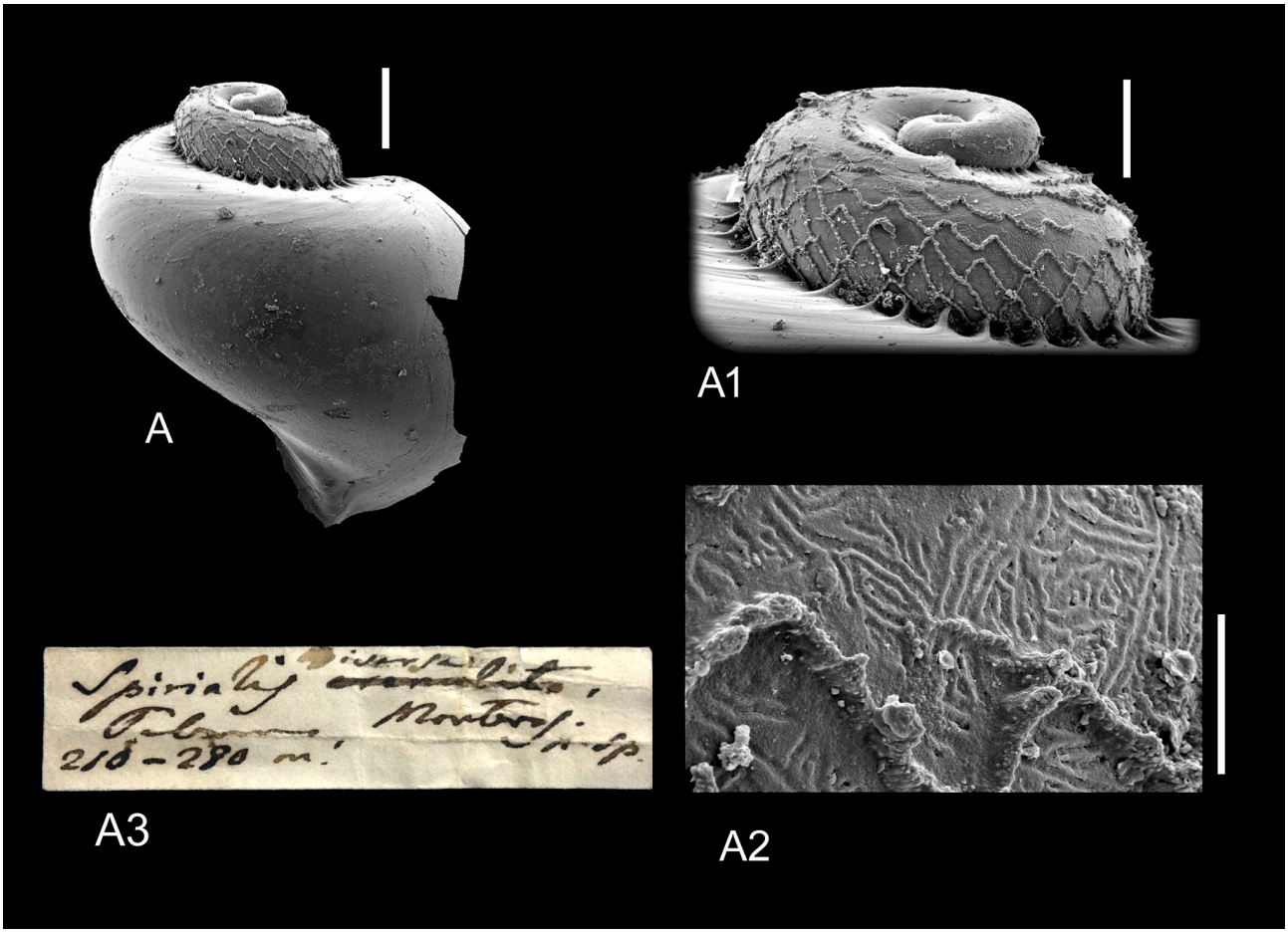

FIGURE 33. A. *Spirialis diversa* Monterosato, 1875, Palermo (Sicily), shell, shell top and detail of sculpture, with original label (MCZR–M–30039). Scale bars: 20 μm (76b), 100 μm (74b and 76c); 200 μm (76a).

FIGURE 34. A, B. *Leda producta* Monterosato, 1880, Palermo (Sicily), 2.4 mm x 4.0 mm, with original label (MCZR–M–14425); **C, D.** *Silicula tumidula* Monterosato, 1880, lectotype, Palermo (Sicily), 0.7 m x 0.9 mm, with original label (MCZR–M–14434)**; E, F.** *Nucula apicina* Monterosato, 1891, fossil of Santa Flavia (Sicily), 2.7 mm x 2.0 mm, with original label (MCZR–M–30040); **G, H.** *Nucula perminima* Monterosato, 1875, Sciacca (Sicily), H. 0.9 mm x 1.5 mm, with original label (MCZR–M–14376); **I, J.** *Arca corbuloides* Monterosato, 1880, Civitavecchia (Italy), 75 mm x 53.1 mm with original label (MCZR–M–14178); **K, L.** *Crenella arenaria* Monterosato, 1875, Sciacca (Sicily), 2.1 mm x 1.6 mm, with original label (MCZR–M–14017); **M, N.** *Mytilus herculeus* Monterosato, 1884, Sciacca (Sicily), 164 mm x 84.5 mm, with original labels (MCZR–M–9788); **O, P.** *Mytilus hyalinus* Monterosato, 1875, Palermo (Sicily), 1.9 mm x 1.3 mm, with original label (MCZR–M–13973).

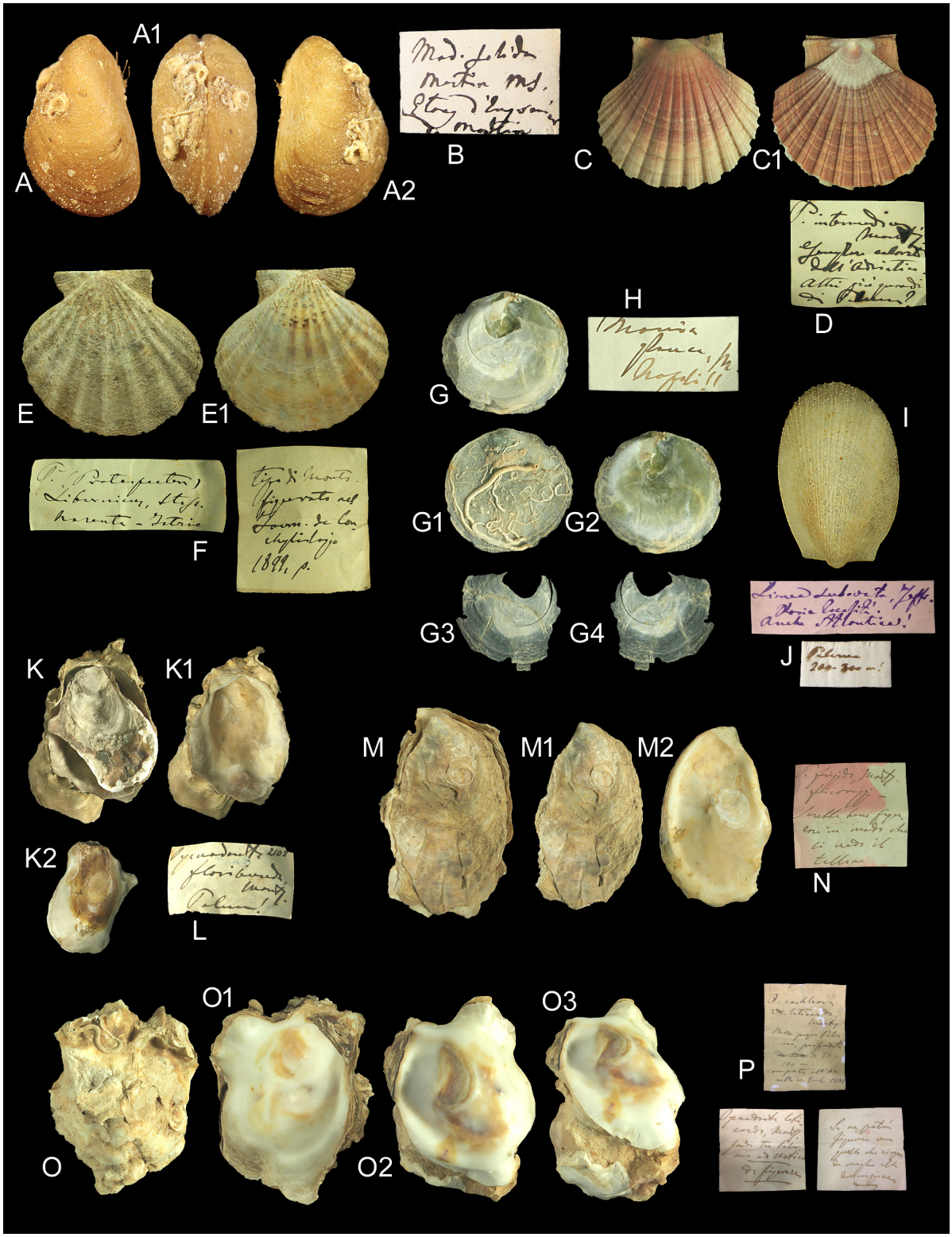

FIGURE 35. **A, B.** *Mytilaster solidus* Monterosato, 1883, Etang d'Engrenier (France), 6.8 mm x 4.4 mm, with original label (MCZR–M–9552); **C, D**. *Pecten intermedius* Monterosato, 1899, Adriatic Sea, 43.7 mm x 47.4 mm, with original label (MCZR–M–13713); **E, F.** *Proteopecten liburnicus* Monterosato, 1899 ex Stossich ms., Narenta (Croatia), 61.5 mm x 66.4 mm, with original labels (MCZR–M–13779); **G, H.** *Monia glauca* Monterosato, 1884, Napoli (Italy), 49.7 mm x 51.3 mm, with original label (MCZR–M–13047); **I, J.** *Lima subovata* Monterosato, 1872, Palermo (Sicily), 10.5 mm x 7 mm, with original labels (MCZR–M–13127); **K, L**. *Pycnodonta floribunda* Monterosato, 1915, Palermo (Sicily), 58 mm x 42.6 mm, with original label (MCZR–M–5520); **M, N.** *Pycnodonta frigida* Monterosato, 1915, fossil of Ficarazzi (Sicily), 62 mm x 40.3 mm, with original label (MCZR–M–5588); **O, P.** *Pycnodonta laticardo* Monterosato, 1915, Palermo (Sicily), 55.9 mm x 54 mm, with original labels (MCZR–M–5530).

FIGURE 36. A, B. *Gryphaea navicula* Monterosato, 1884, Palermo (Sicily), 40.3 mm x 26.3 mm, with original label (MCZR–M–5504); **C, D**. *Ostreola crustacea* Monterosato, 1915, Palermo (Sicily), 56.5 mm x 48.9 mm, with original label (MCZR–M–5492); **E, F.** *Ostrea dianae* Monterosato, 1915, Etang de Diane (France), 116 mm x 75.5 mm, with original labels (MCZR–M–5664); **G.** *Ostrea scaeva* Monterosato, 1915, Palermo (Sicily), 72 mm x 82.2 mm, with original label (MCZR–M–5551); **H.** *Pinna ensiformis* Monterosato, 1884, only original label; **I, J.** *Meleagrina savignyi* Monterosato, 1884, Alessandria (Egypt), 42.6 mm x 42.2 mm (ex Lhotellerie coll), with original labels (MCZR–M–13835); **K, L.** *Chama circinata* Monterosato, 1878, Lipari Is., 35.5 mm x 31.8 mm (ex Seguenza G. coll.), with original label (MCZR–M–15270); **M, N.** *Lepton lepisma* Monterosato, 1878. Algiers (Algeria), 5.4 mm x 5.1 mm (ex Joly coll.), with original labels (MCZR–M–14683).

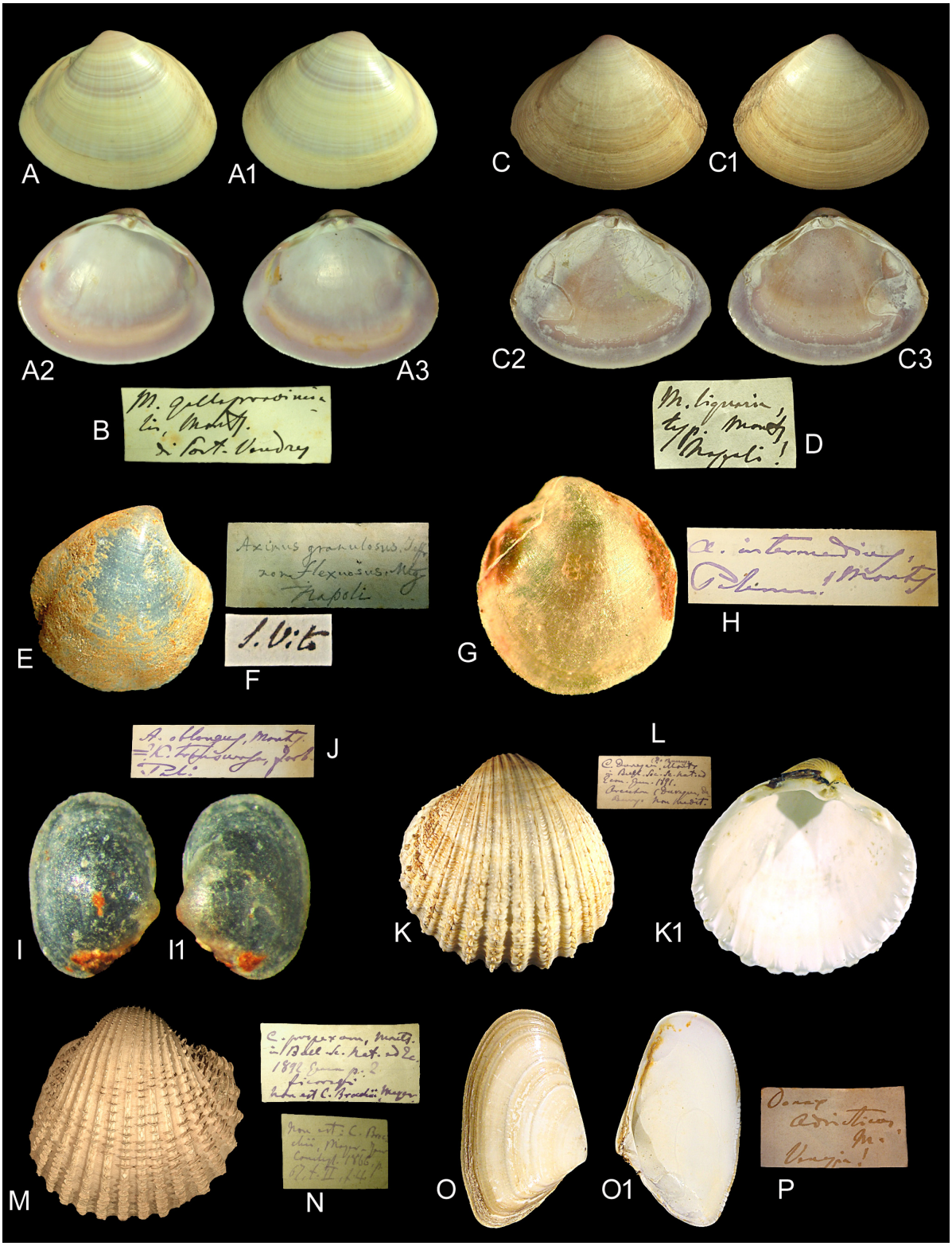

FIGURE 37. **A, B.** *Mactra galloprovincialis* Monterosato, 1917, Port Vendres (France), 41.7 mm x 55 mm, with original label (MCZR–M–19693); **C, D.** *Mactra lignaria* Monterosato, 1917, Napoli (Italy), 29.1 mm x 36.1 mm, with original label (MCZR–M–19665); **E, F.** *Axinus granulosus* Monterosato, 1874 ex Jeffreys ms., San Vito lo Capo (Sicily), 5.5 mm x 5.1 mm, with original labels (MCZR–M–19237); **G, H.** *Axinus intermedius* Monterosato, 1880, lectotype, Palermo (Sicily), 1.6 mm x 1.3 mm, with original label (MCZR–M–19228); **I, J.** *Axinus oblongus* Monterosato, 1880, Palermo (Sicily), 1.1 mm x 0.8 mm, with original label (MCZR–M–14654);**K, L.** *Cardium duregnei* Monterosato, 1891, Arcachon (France), 59.3 mm x 59.4 mm, with original label (MCZR–M–14815); **M, N.** *Cardium propexum* Monterosato, 1891, fossil of Ficarazzi (Sicily), 50 mm x 51 mm, with original labels (MCZR–M–14744); **O, P.** *Serrula adriatica* Monterosato, 1884, Venice (Italy), 37 mm x 21.4 mm, with original label (MCZR–M–19349).

FIGURE 38. A, B. *Serrula clodiensis* Monterosato, 1884, Chioggia (Italy), 24.8 mm x 13.7 mm, with original label (MCZR–M–19390); **C–E**. *Donax fabula* Monterosato, 1923, Benghazi (Libya), (C) 19.3 mm x 12.2 mm (D) 16.9 mm x 11.3 mm, with original label (MCZR–M–30043); **F, G.** *Donax relevatus* Monterosato, 1917, Gabès (Tunisia), 26.1 mm x 13.4 mm, with original labels (MCZR–M–19320); **H, I.** *Scrobicularia subangulata* Monterosato, 1884, Dalmatia (Croatia), 16.4 mm x 12.7 mm, with original label (MCZR–M–20362); **J, K.** *Fabulina fabuloides* Monterosato, 1884, Pesaro (Italy), 12.1 mm x 7.54 mm, with original labels (MCZR–M–20217); **L, M.** *Macoma commutata* Monterosato, 1884, Adriatic Sea (Italy), 4.5 mm x 6.9 mm, with original label (MCZR–M–30044); **N, O.** *Panopaea cyclopana* Monterosato, 1889, Ciclopi Islands, Catania (Sicily), 211 mm x 126.8 mm, with original label (MCZR–M–5912).

FIGURE 39. A, B. *Panopaea philippii* Monterosato, 1891, fossil of Monte Pellegrino, Palermo (Sicily), H. 131 mm x 83.5 mm, with original label (MCZR–M–30045); **C–E.** *Corbulomya trigonula* Monterosato, 1884, Magnisi (Sicily), 2.55 mm x 2 mm and 1.95 mm x 1.65 mm, with original label (MCZR–M–19802); **F, G.** *Neaera crassa* Monterosato, 1881, Algeria, 30 mm x 18.8 mm, with original labels (MCZR–M–20433).

FIGURE 40. A, B. *Argonauta cygnus* Monterosato, 1889, Palermo (Sicily), H. 44.2 mm, with original labels (MCZR–M–30036); **C, D.** *Argonauta monterosatoi* Monterosato, 1914 ex Coen ms, Milazzo (Sicily), H. 31.1 mm (ex Coen coll.) with original label (MCZR–M–30049); **E, F.** *Dentalium brugnonei* Monterosato, 1891, fossil of Ficarazzi (Sicily), H. 41.15 mm, with original label (MCZR–M–12947); **G, H.** *Dentalium philippii* Monterosato, 1872, fossil of Monte Pellegrino (Sicily), H. 97.2 mm, with original labels (MCZR–M–12933); **I–K.** *Dentalium tenuifissa* Monterosato, 1884, Civitavecchia (Italy), H. 39.1 mm, with original labels (MCZR–M–12950); **L, M.** *Helonyx abyssicola* Monterosato, 1878, Palermo (Sicily), H. 3.2 mm, with original label (MCZR–M–12932); **N, O.** *Cadulus ovulum* var. *attenuata* Monterosato, 1875, fossil of Ficarazzi (Sicily), (ex Brugnone coll.), H. 2.1 mm, with original label (MCZR–M–12924); **P, Q.** *Helonyx jeffreysii* Monterosato, 1875, Mediterranean Sea, H. 3.2 mm, with original labels (MCZR–M–12918). **R, S.** *Cadulus ovulinum* Monterosato, 1891, fossil of Ficarazzi (Sicily), H. 2.5 mm, with original label (MCZR-M-30050).

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